

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
 Data File : BG048526.D
 Acq On : 31 Mar 2021 13:03
 Operator : CG/JU
 Sample : M1458-01
 Misc : LOD-MDL-SOIL-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Quant Time: Mar 31 13:41:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:41:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	15104	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	60416	20.00	ng	0.00
39) Acenaphthene-d10	14.747	164	43291	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	109130	20.00	ng	0.00
76) Chrysene-d12	21.798	240	112872	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	111511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	75137	87.83	ng	0.00
7) Phenol-d6	7.250	99	103317	83.27	ng	0.00
23) Nitrobenzene-d5	9.272	82	79725	63.89	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	50762	89.20	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	198550	68.17	ng	0.00
79) Terphenyl-d14	20.112	244	409565	66.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.514	88	1492	4.33	ng	88
3) Pyridine	3.942	79	3161	3.66	ng	# 73
4) n-Nitrosodimethylamine	3.831	42	1778	3.15	ng	# 87
6) Aniline	7.415	93	6505	4.56	ng	# 88
8) 2-Chlorophenol	7.656	128	4243	4.39	ng	84
9) Benzaldehyde	7.227	77	4627	5.83	ng	92
10) Phenol	7.268	94	5071	4.08	ng	89
11) bis(2-Chloroethyl)ether	7.515	93	3840	4.46	ng	94
12) 1,3-Dichlorobenzene	7.985	146	4493	4.13	ng	# 92
13) 1,4-Dichlorobenzene	8.138	146	5053	4.60	ng	# 89
14) 1,2-Dichlorobenzene	7.985	146	4493	4.27	ng	97
15) Benzyl Alcohol	8.331	79	4290	4.22	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.619	45	3620	4.35	ng	73
17) 2-Methylphenol	8.543	107	2887	3.59	ng	# 89
18) Hexachloroethane	9.189	117	2055	5.04	ng	# 76
19) n-Nitroso-di-n-propyla...	8.901	70	3338	3.90	ng	97
20) 3+4-Methylphenols	8.866	107	4425	3.97	ng	79
22) Acetophenone	8.925	105	6826	4.38	ng	# 92
24) Nitrobenzene	9.319	77	5695	4.65	ng	# 84
25) Isophorone	9.836	82	9634	4.18	ng	97
26) 2-Nitrophenol	10.029	139	2086	3.71	ng	# 66
27) 2,4-Dimethylphenol	10.082	122	4217	4.76	ng	93
28) bis(2-Chloroethoxy)met...	10.317	93	4849	4.59	ng	# 90
29) 2,4-Dichlorophenol	10.576	162	3610	3.60	ng	88
30) 1,2,4-Trichlorobenzene	10.787	180	4877	4.23	ng	# 91
31) Naphthalene	10.981	128	13953	4.49	ng	# 93
32) Benzoic acid	10.200	122	149	0.22	ng	# 1
33) 4-Chloroaniline	11.081	127	5959	4.55	ng	# 80
34) Hexachlorobutadiene	11.263	225	2762	3.28	ng	# 88
35) Caprolactam	11.880	113	58	0.16	ng	# 3
36) 4-Chloro-3-methylphenol	12.192	107	4732	4.20	ng	# 73
37) 2-Methylnaphthalene	12.579	142	11044	4.47	ng	96
38) 1-Methylnaphthalene	12.803	142	10212	4.33	ng	# 85
40) 1,2,4,5-Tetrachloroben...	12.944	216	6582	4.90	ng	96
41) Hexachlorocyclopentadiene	12.920	237	3780	4.86	ng	95

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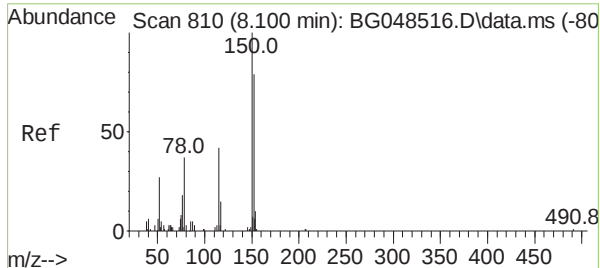
Quant Time: Mar 31 13:41:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:41:32 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.179	196	3414	3.70	ng	87
44) 2,4,5-Trichlorophenol	13.249	196	3525	3.57	ng	# 83
46) 1,1'-Biphenyl	13.584	154	14551	4.60	ng	97
47) 2-Chloronaphthalene	13.631	162	10412	4.32	ng	# 88
48) 2-Nitroaniline	13.825	65	3250	4.24	ng	# 74
49) Acenaphthylene	14.471	152	16134	4.27	ng	96
50) Dimethylphthalate	14.195	163	14958	4.66	ng	# 91
51) 2,6-Dinitrotoluene	14.313	165	3068	4.17	ng	92
52) Acenaphthene	14.812	154	11290	4.13	ng	# 91
53) 3-Nitroaniline	14.642	138	3293	4.57	ng	# 81
54) 2,4-Dinitrophenol	14.847	184	685	1.66	ng	# 63
55) Dibenzofuran	15.147	168	17920	4.49	ng	97
56) 4-Nitrophenol	14.953	139	2092	3.60	ng	# 66
57) 2,4-Dinitrotoluene	15.100	165	4460	4.29	ng	# 92
58) Fluorene	15.799	166	14310	4.28	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.370	232	3422	3.55	ng	# 91
60) Diethylphthalate	15.552	149	14377	4.35	ng	# 94
61) 4-Chlorophenyl-phenyle...	15.787	204	7767	4.32	ng	96
62) 4-Nitroaniline	15.811	138	3009	3.99	ng	# 77
63) Azobenzene	16.081	77	14225	4.38	ng	97
65) 4,6-Dinitro-2-methylph...	15.858	198	2200	3.36	ng	# 76
66) n-Nitrosodiphenylamine	15.999	169	12363	3.98	ng	90
67) 4-Bromophenyl-phenylether	16.686	248	5495	4.54	ng	88
68) Hexachlorobenzene	16.798	284	6081	4.81	ng	93
69) Atrazine	16.945	200	4847	3.83	ng	86
70) Pentachlorophenol	17.151	266	1782	2.27	ng	# 86
71) Phenanthrene	17.638	178	26018	4.59	ng	98
72) Anthracene	17.638	178	26018	4.61	ng	95
73) Carbazole	17.903	167	23248	4.34	ng	97
74) Di-n-butylphthalate	18.461	149	26075	4.36	ng	98
75) Fluoranthene	19.554	202	31276	4.45	ng	95
77) Benzidine	19.730	184	14387	3.76	ng	# 94
78) Pyrene	19.554	202	31276	4.03	ng	97
80) Butylbenzylphthalate	20.799	149	11309	3.92	ng	96
81) Benzo(a)anthracene	21.780	228	32833	4.35	ng	97
82) 3,3'-Dichlorobenzidine	21.686	252	11330	4.37	ng	97
83) Chrysene	21.845	228	31893	4.43	ng	96
84) Bis(2-ethylhexyl)phtha...	21.675	149	16223	4.04	ng	97
85) Di-n-octyl phthalate	22.932	149	27632	3.95	ng	100
87) Indeno(1,2,3-cd)pyrene	28.972	276	31592	4.04	ng	# 73
88) Benzo(b)fluoranthene	24.078	252	30915	4.27	ng	# 95
89) Benzo(k)fluoranthene	24.142	252	30501	4.38	ng	95
90) Benzo(a)pyrene	24.977	252	28636	4.29	ng	93
91) Dibenzo(a,h)anthracene	29.031	278	26494	3.97	ng	# 96
92) Benzo(g,h,i)perylene	30.159	276	27589	4.22	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

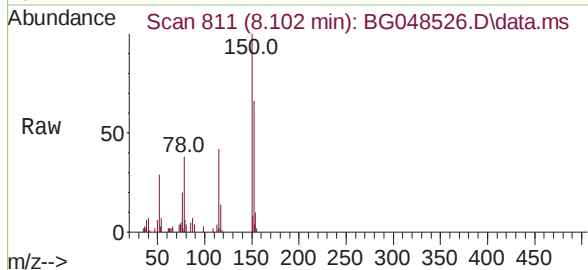
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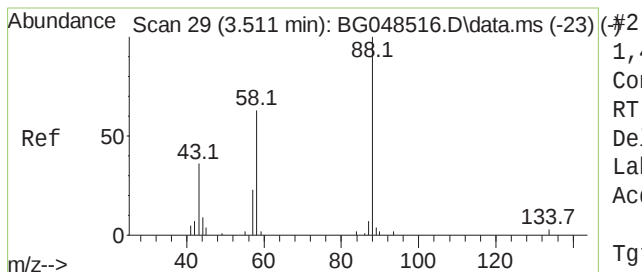
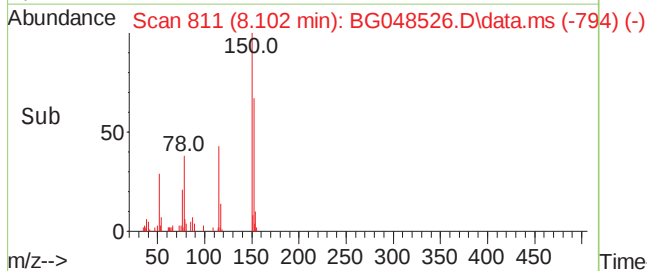
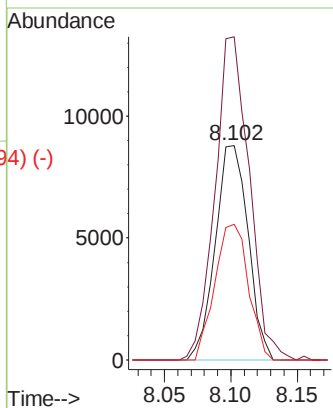


1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

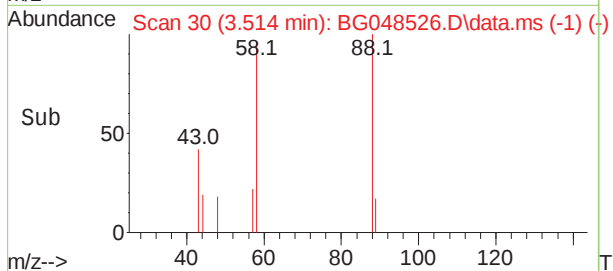
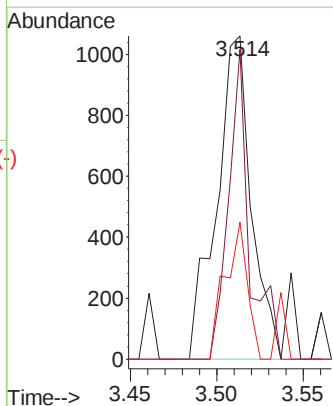
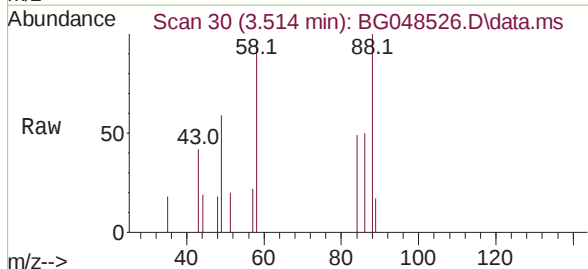


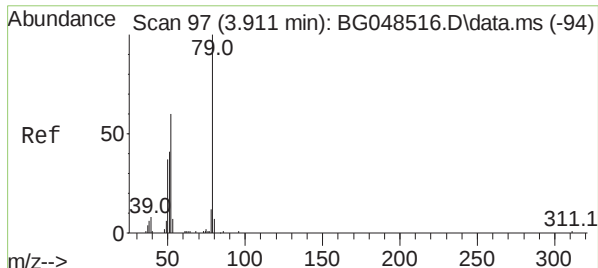
Tgt Ion:152 Resp: 15104
Ion Ratio Lower Upper
152 100
150 150.6 101.3 151.9
115 63.3 42.3 63.5



1,4-Dioxane
Concen: 4.33 ng
RT: 3.514 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 88 Resp: 1492
Ion Ratio Lower Upper
88 100
58 58.0 55.0 82.6
43 27.5 26.2 39.4

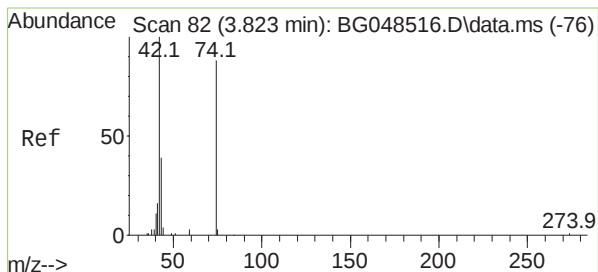
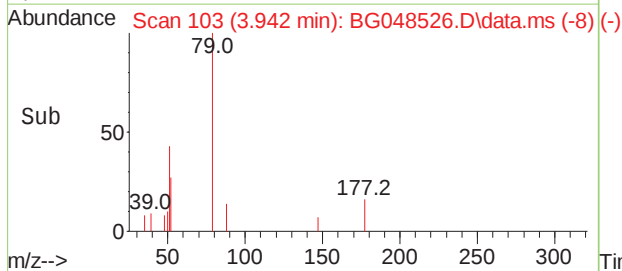
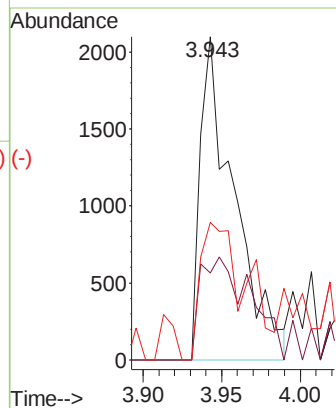
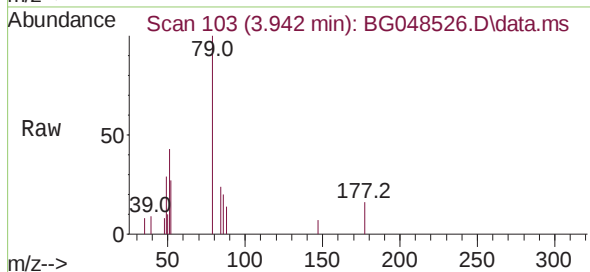




Pyridine
Concen: 3.66 ng
RT: 3.942 min Scan# 103
Delta R.T. 0.028 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

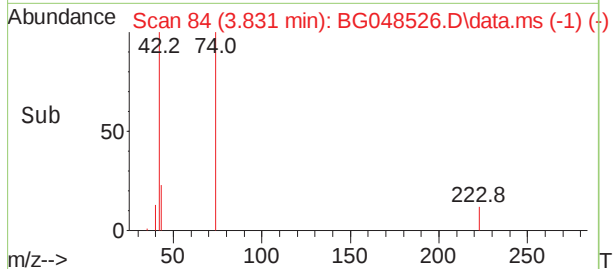
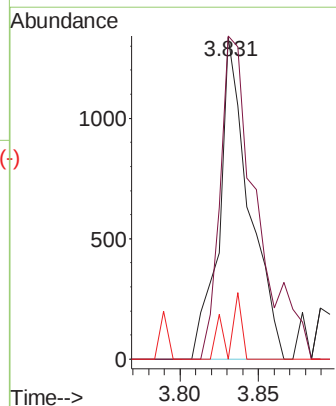
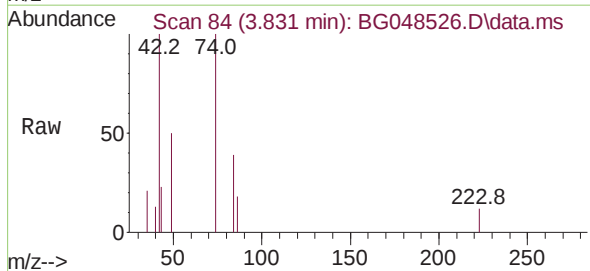
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

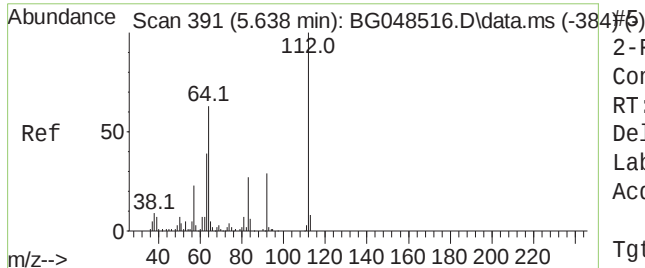
Tgt Ion:	79	Resp:	3161
Ion	Ratio	Lower	Upper
79	100		
52	26.8	48.2	72.2#
51	42.7	33.2	49.8



n-Nitrosodimethylamine
Concen: 3.15 ng
RT: 3.831 min Scan# 84
Delta R.T. 0.005 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	42	Resp:	1778
Ion	Ratio	Lower	Upper
42	100		
74	100.4	70.6	105.8
44	0.0	3.5	5.3#

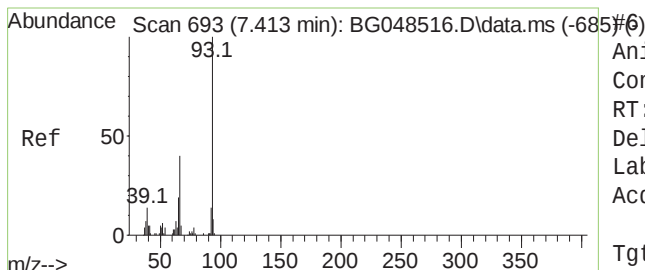
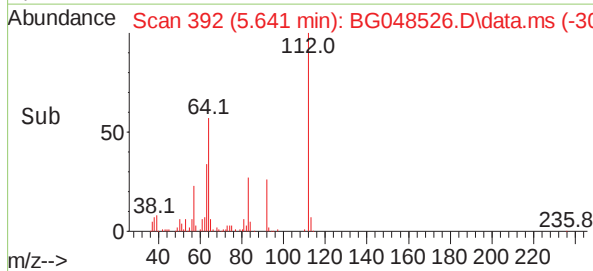
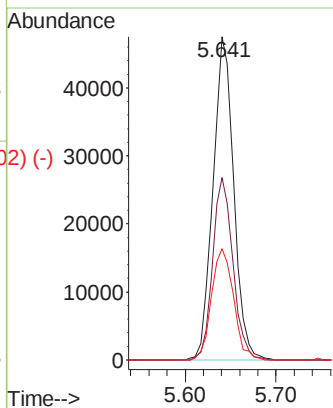
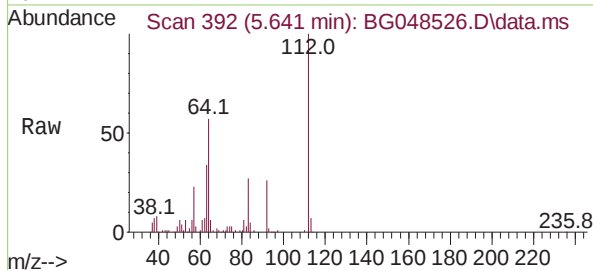




2-Fluorophenol
 Concen: 87.83 ng
 RT: 5.641 min Scan# 392
 Delta R.T. -0.001 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

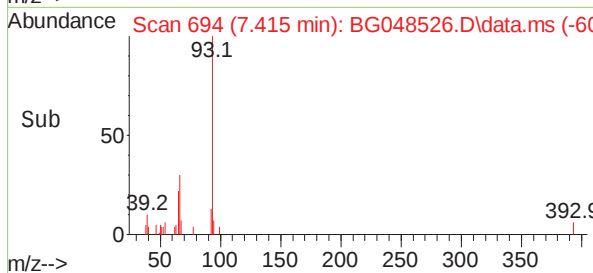
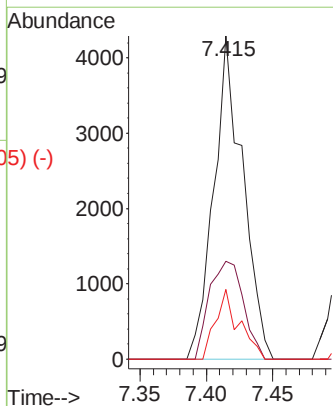
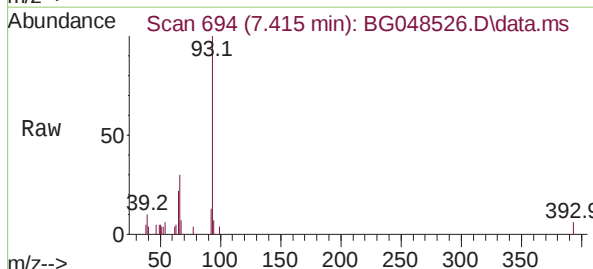
Instrument :
 BNA_G
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 LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	112	Resp:	75137
Ion	Ratio	Lower	Upper
112	100		
64	56.5	50.4	75.6
63	34.4	31.4	47.2

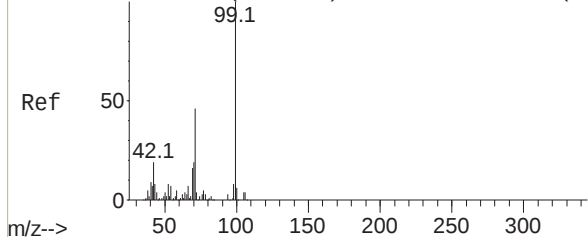


Aniline
 Concen: 4.56 ng
 RT: 7.415 min Scan# 694
 Delta R.T. -0.007 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Tgt Ion:	93	Resp:	6505
Ion	Ratio	Lower	Upper
93	100		
66	30.3	31.8	47.6#
65	21.5	15.2	22.8

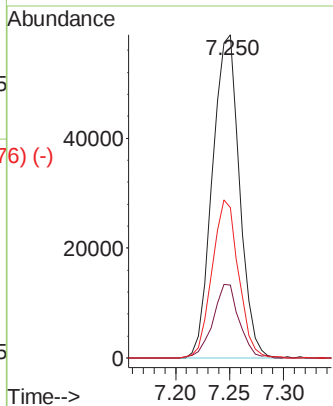
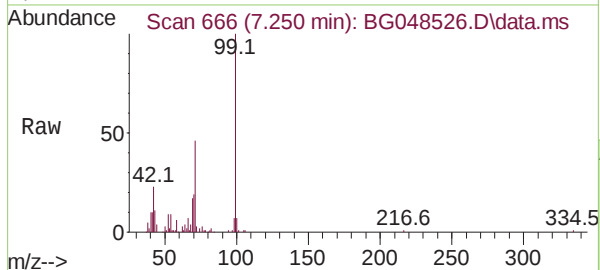


Abundance Scan 665 (7.248 min): BG048516.D\data.ms (-656) #7

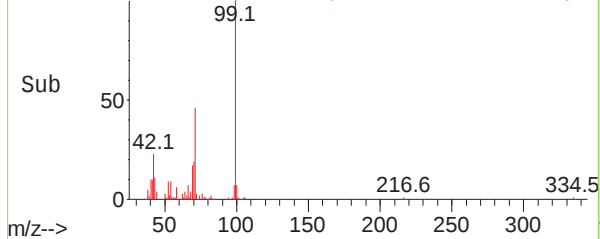


Phenol-d6
Concen: 83.27 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

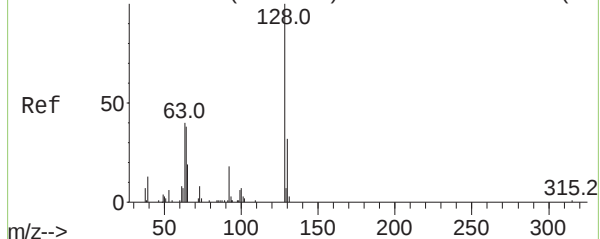
Tgt Ion:	99	Resp:	103317
Ion	Ratio	Lower	Upper
99	100		
42	22.6	15.5	23.3
71	46.5	36.6	54.8



Abundance Scan 666 (7.250 min): BG048526.D\data.ms (-576) (-)

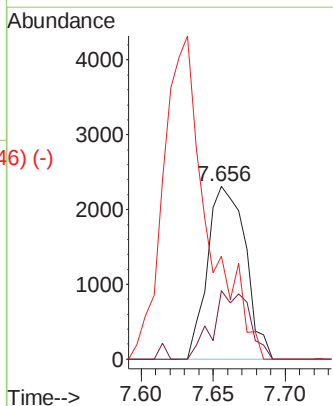
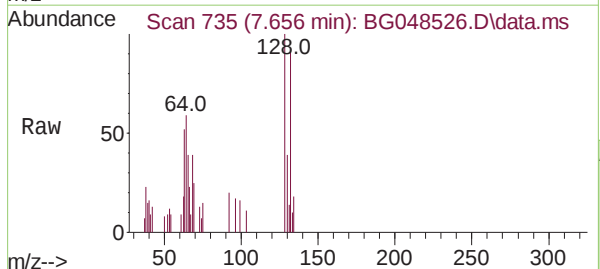


Abundance Scan 735 (7.659 min): BG048516.D\data.ms (-727) #8

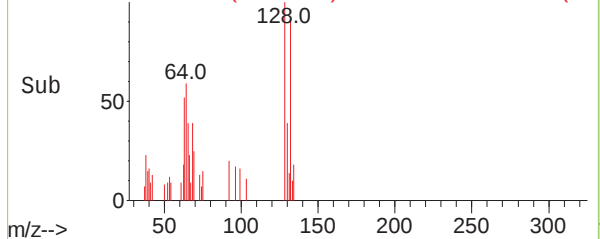


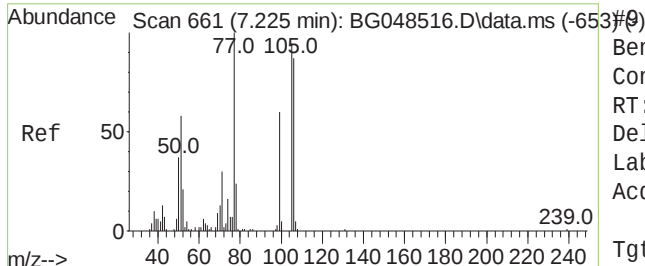
2-Chlorophenol
Concen: 4.39 ng
RT: 7.656 min Scan# 735
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	128	Resp:	4243
Ion	Ratio	Lower	Upper
128	100		
130	39.5	12.4	52.4
64	59.4	27.6	67.6



Abundance Scan 735 (7.656 min): BG048526.D\data.ms (-646) (-)

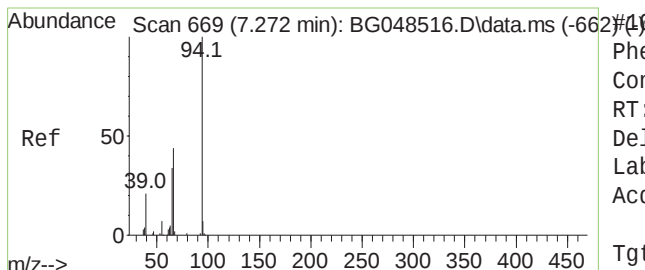
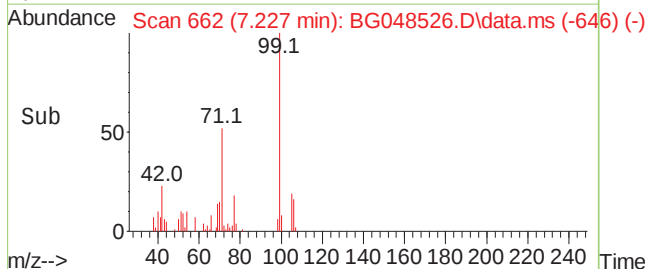
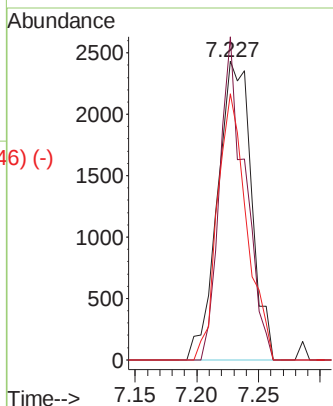
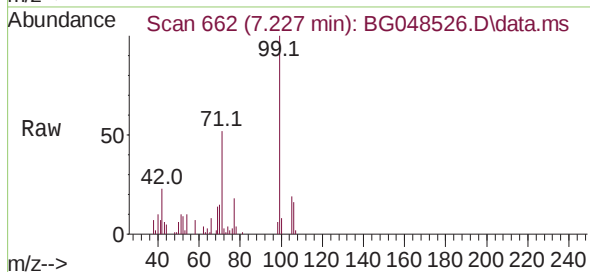




Benzaldehyde
 Concen: 5.83 ng
 RT: 7.227 min Scan# 662
 Delta R.T. -0.007 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

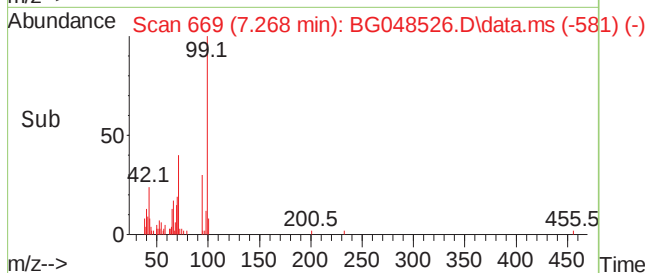
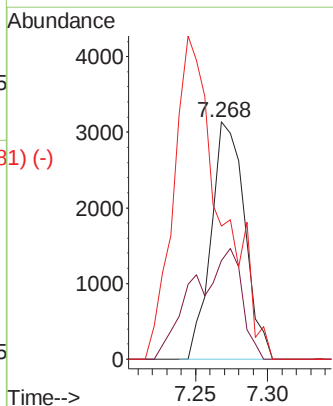
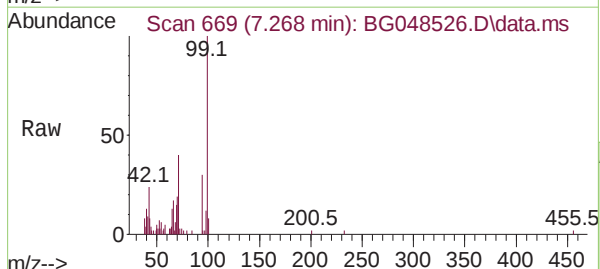
Instrument :
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Tgt Ion:	77	Resp:	4627
Ion	Ratio	Lower	Upper
77	100		
105	108.0	75.2	115.2
106	89.1	66.5	106.5

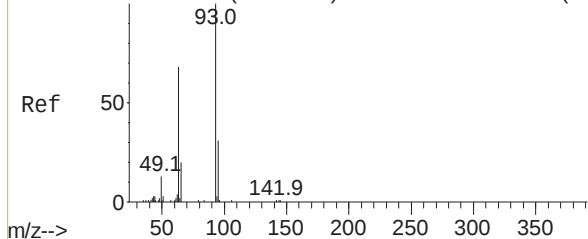


Phenol
 Concen: 4.08 ng
 RT: 7.268 min Scan# 669
 Delta R.T. -0.013 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Tgt Ion:	94	Resp:	5071
Ion	Ratio	Lower	Upper
94	100		
65	41.5	15.1	55.1
66	56.1	28.9	68.9



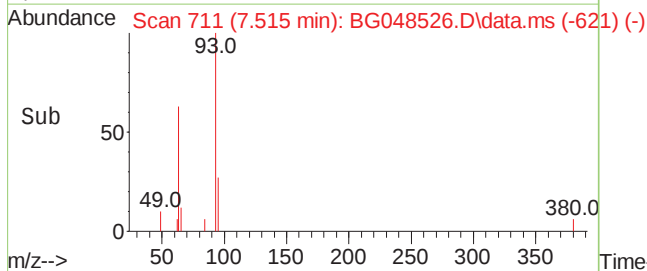
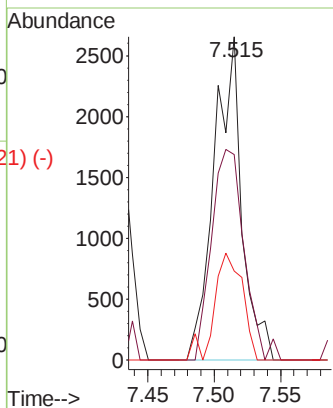
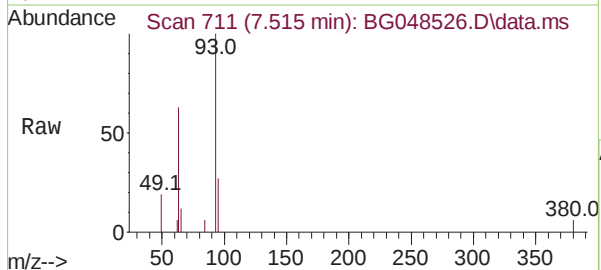
Abundance Scan 709 (7.507 min): BG048516.D\data.ms (-703) #11



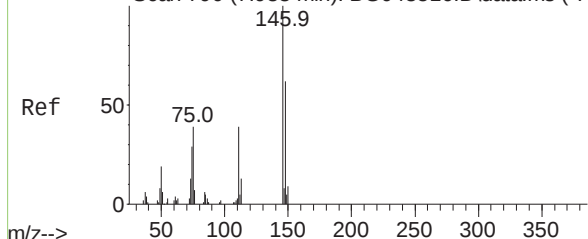
bis(2-Chloroethyl)ether
Concen: 4.46 ng
RT: 7.515 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	93	Resp:	3840
Ion	Ratio	Lower	Upper
93	100		
63	63.5	47.5	87.5
95	27.5	11.1	51.1

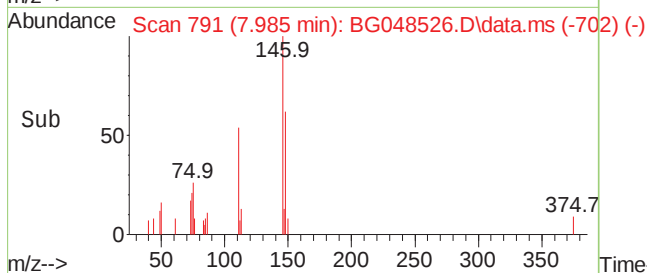
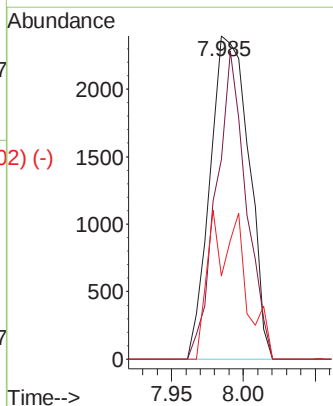
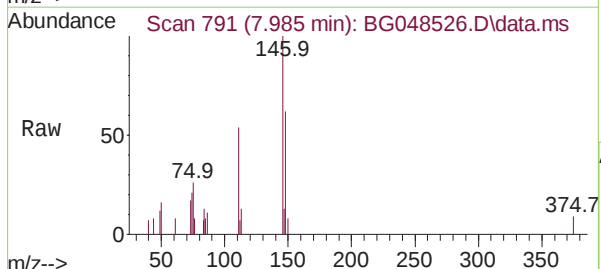


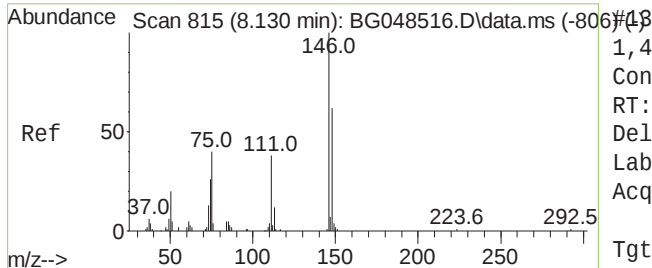
Abundance Scan 790 (7.983 min): BG048516.D\data.ms (-783) #12



1,3-Dichlorobenzene
Concen: 4.13 ng
RT: 7.985 min Scan# 791
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	146	Resp:	4493
Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.7	74.5
75	25.6	30.9	46.3#

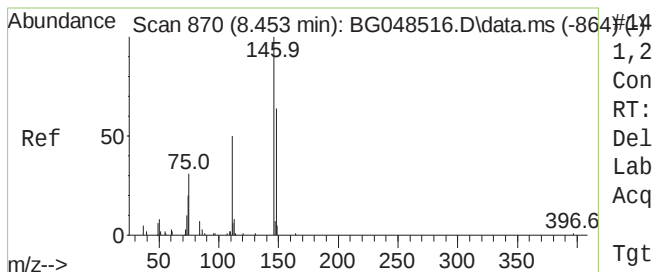
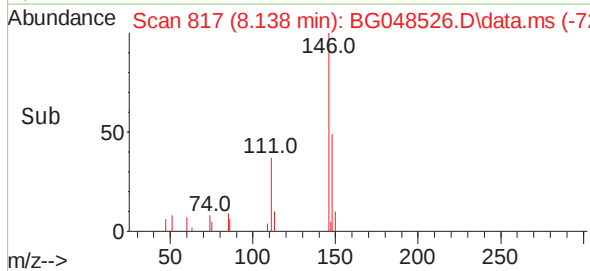
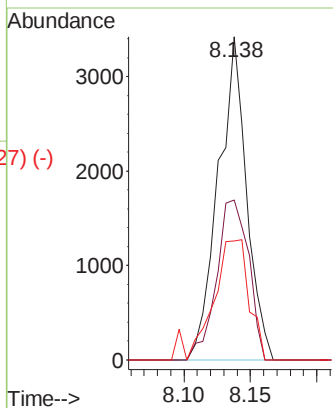
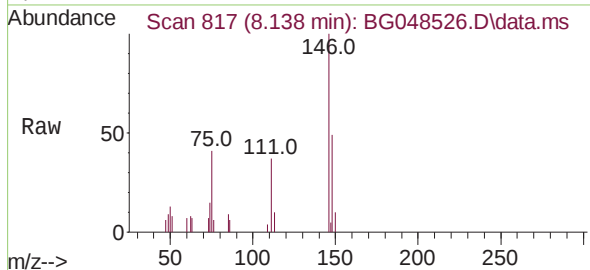




1,4-Dichlorobenzene
 Concen: 4.60 ng
 RT: 8.138 min Scan# 817
 Delta R.T. -0.001 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

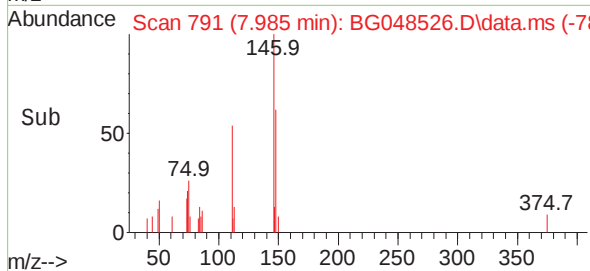
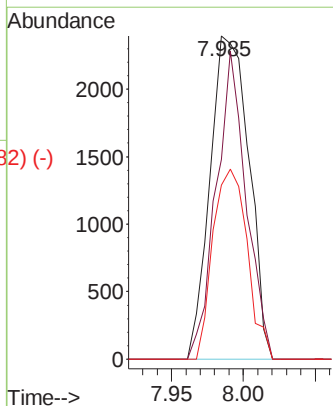
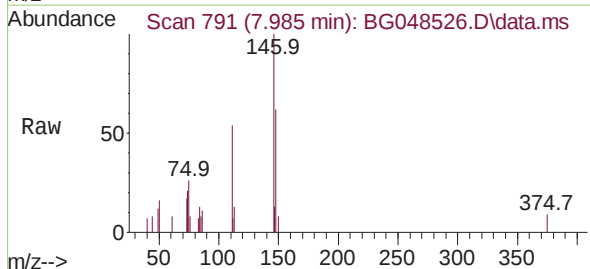
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	146	Resp:	5053
Ion	Ratio	Lower	Upper
146	100		
148	49.5	49.7	74.5#
111	36.9	30.5	45.7

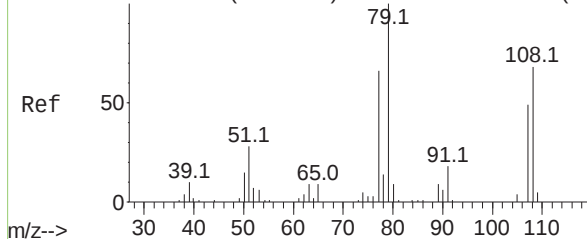


1,2-Dichlorobenzene
 Concen: 4.27 ng
 RT: 7.985 min Scan# 791
 Delta R.T. -0.477 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Tgt Ion:	146	Resp:	4493
Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.5	77.3
111	53.8	41.8	62.8



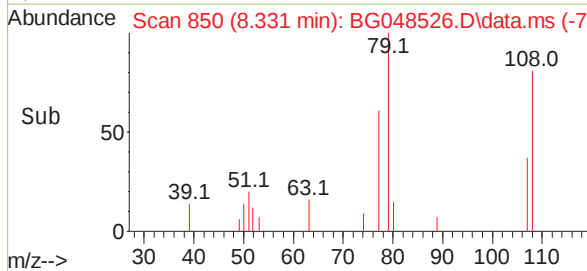
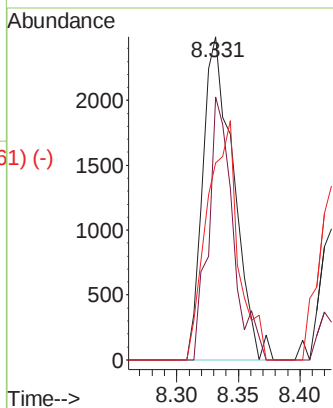
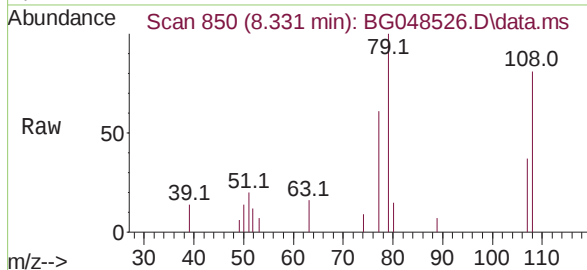
Abundance Scan 850 (8.335 min): BG048516.D\data.ms (-842) #45



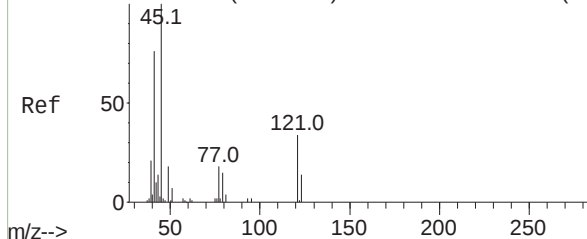
Benzyl Alcohol
Concen: 4.22 ng
RT: 8.331 min Scan# 850
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion: 79 Resp: 4290
Ion Ratio Lower Upper
79 100
108 81.4 54.1 81.1#
77 61.0 52.6 79.0

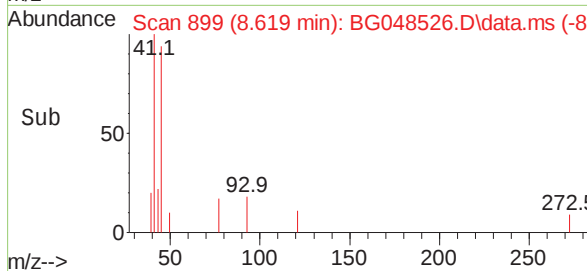
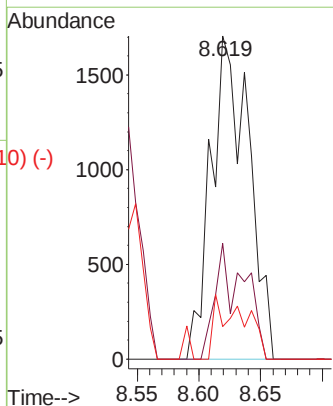
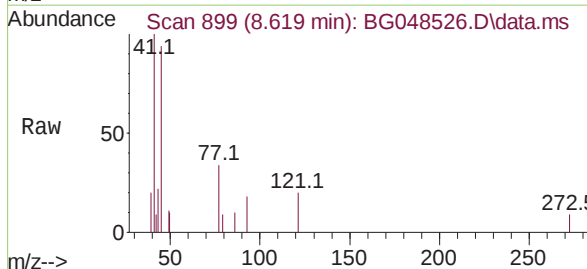


Abundance Scan 899 (8.623 min): BG048516.D\data.ms (-891) #46



2,2'-oxybis(1-Chloropropane)
Concen: 4.35 ng
RT: 8.619 min Scan# 899
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

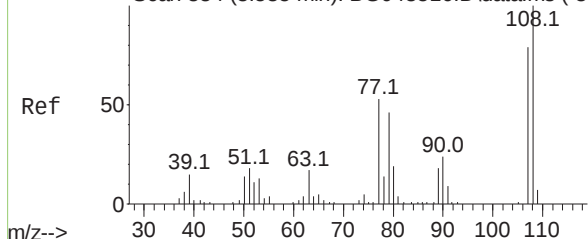
Tgt Ion: 45 Resp: 3620
Ion Ratio Lower Upper
45 100
77 35.8 0.0 38.4
79 10.1 0.0 34.5



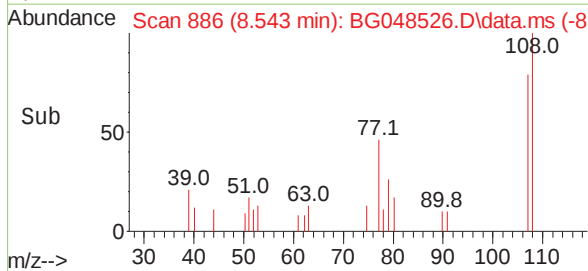
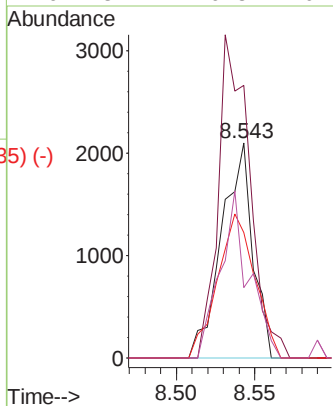
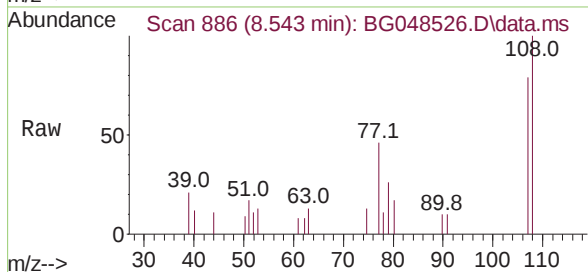
Abundance Scan 884 (8.535 min): BG048516.D\data.ms (-876) #17

2-Methylphenol
Concen: 3.59 ng
RT: 8.543 min Scan# 886
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

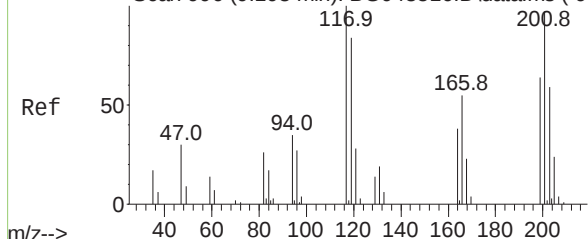


Tgt Ion:	107	Resp:	2887
Ion	Ratio	Lower	Upper
107	100		
108	127.0	101.7	152.5
77	58.4	54.4	81.6
79	32.7	46.8	70.2#

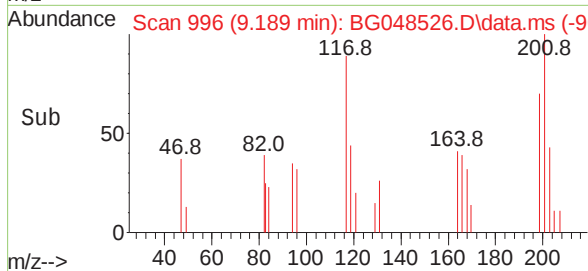
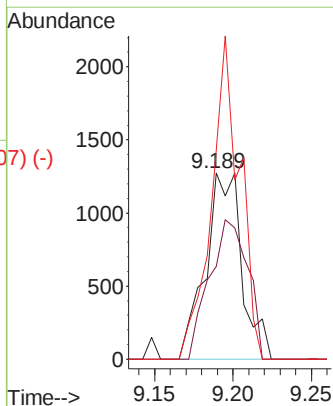
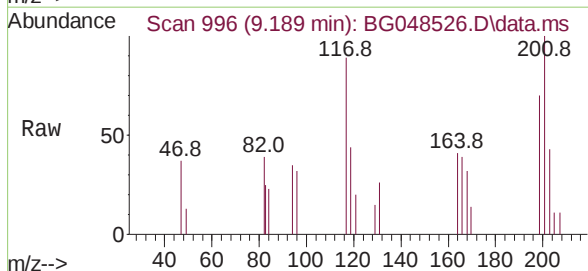


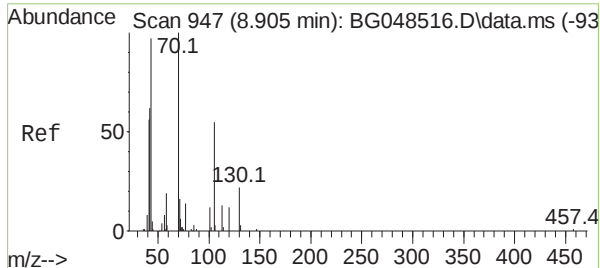
Abundance Scan 996 (9.193 min): BG048516.D\data.ms (-989) #18

Hexachloroethane
Concen: 5.04 ng
RT: 9.189 min Scan# 996
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03



Tgt Ion:	117	Resp:	2055
Ion	Ratio	Lower	Upper
117	100		
119	49.6	67.0	100.6#
201	112.2	79.8	119.6

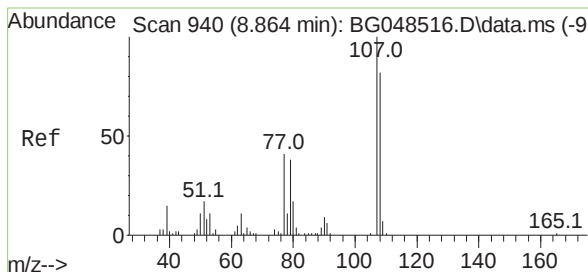
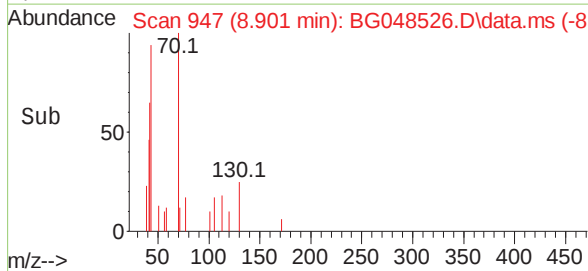
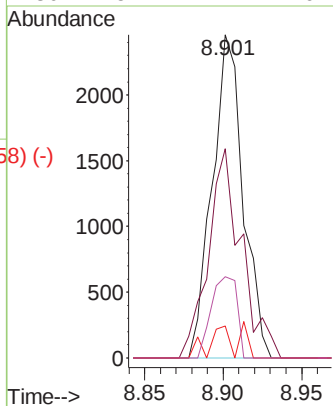
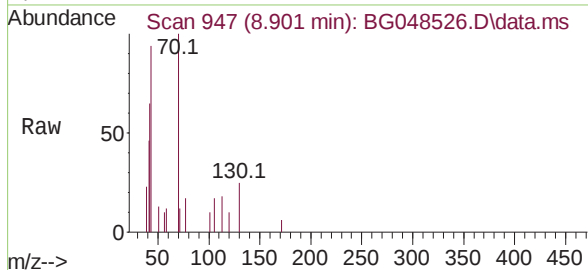




n-Nitroso-di-n-propylamine
 Concen: 3.90 ng
 RT: 8.901 min Scan# 947
 Delta R.T. -0.007 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

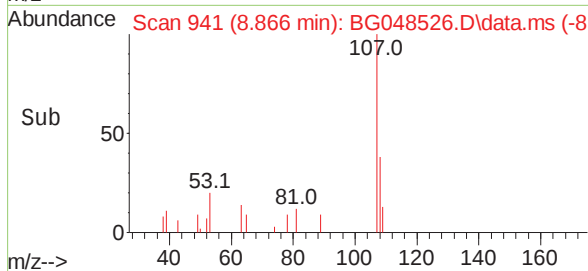
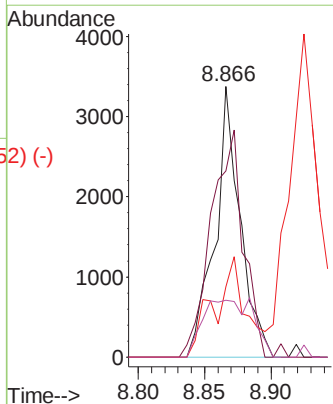
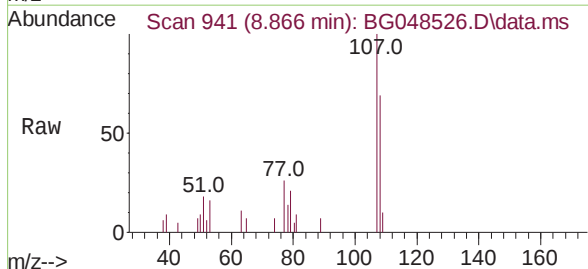
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	70	Resp:	3338
Ion	Ratio	Lower	Upper
70	100		
42	64.7	50.8	76.2
101	9.8	9.7	14.5
130	25.1	17.4	26.0

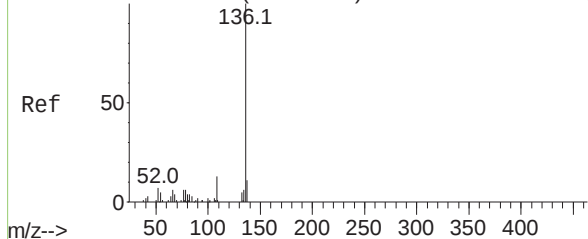


3+4-Methylphenols
 Concen: 3.97 ng
 RT: 8.866 min Scan# 941
 Delta R.T. -0.007 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Tgt Ion:	107	Resp:	4425
Ion	Ratio	Lower	Upper
107	100		
108	68.8	62.3	102.3
77	26.0	21.3	61.3
79	21.1	18.1	58.1



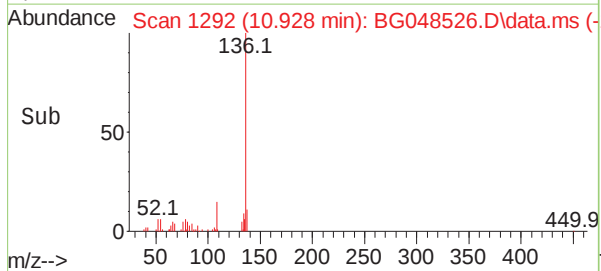
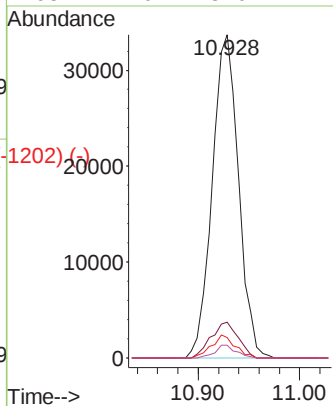
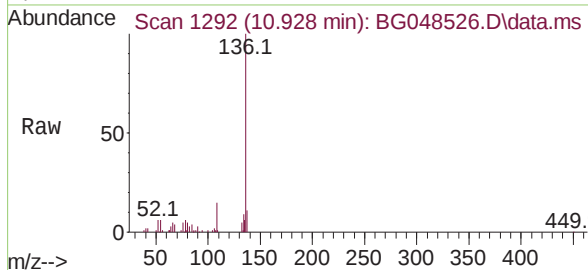
Abundance Scan 1291 (10.926 min): BG048516.D\data.ms (-1281) (-)



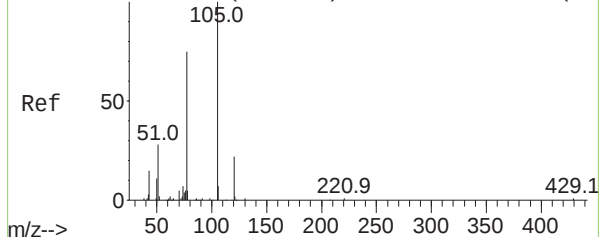
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	136	Resp:	60416
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	6.3	4.2	6.4
68	4.0	3.0	4.4

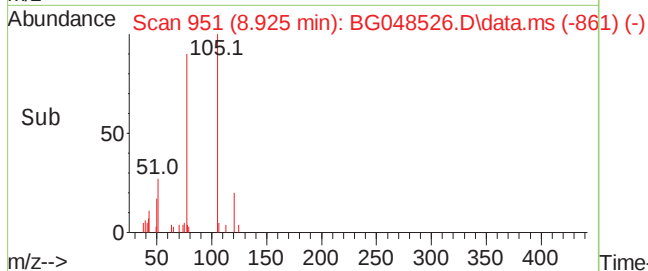
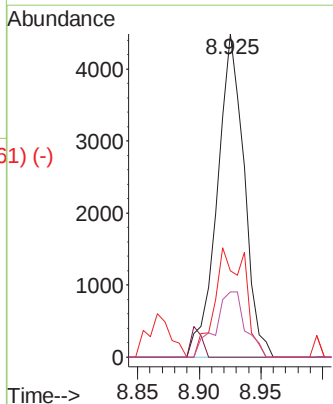
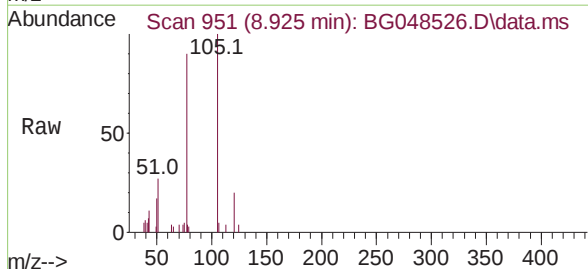


Abundance Scan 950 (8.923 min): BG048516.D\data.ms (-943) (-)

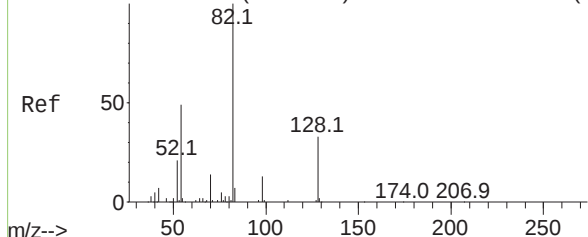


Acetophenone
Concen: 4.38 ng
RT: 8.925 min Scan# 951
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	105	Resp:	6826
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	26.8	26.1	39.1
120	20.1	17.5	26.3



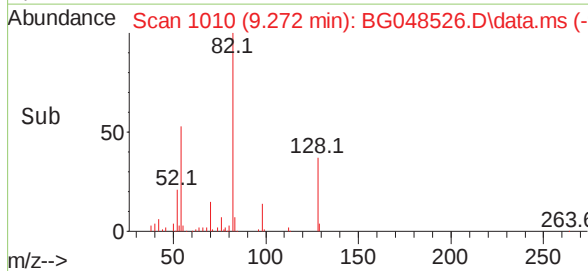
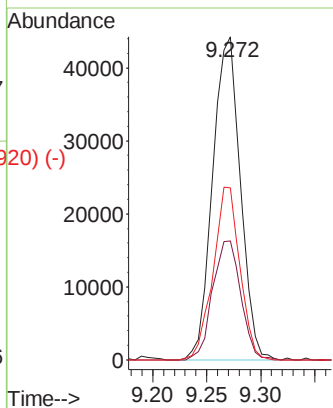
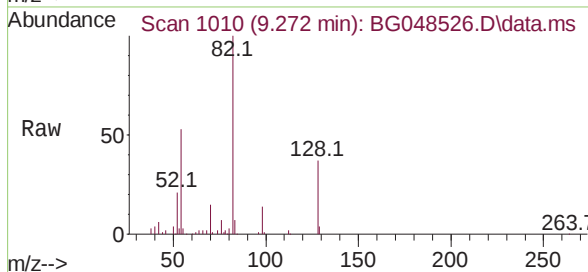
Abundance Scan 1008 (9.263 min): BG048516.D\data.ms (-10623-)



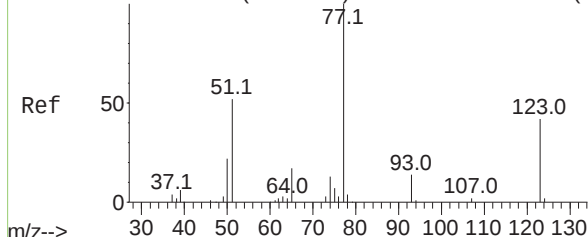
Nitrobenzene-d5
Concen: 63.89 ng
RT: 9.272 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	82	Resp:	79725
Ion	Ratio	Lower	Upper
82	100		
128	36.9	26.2	39.4
54	53.3	38.9	58.3

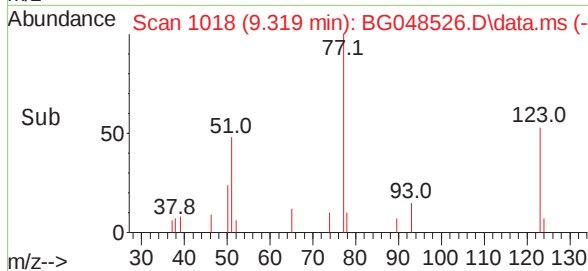
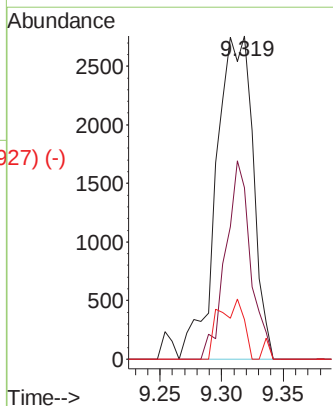
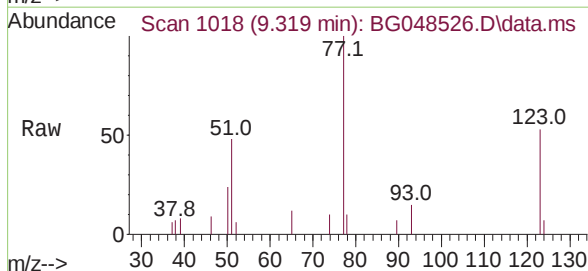


Abundance Scan 1016 (9.310 min): BG048516.D\data.ms (-10624-)

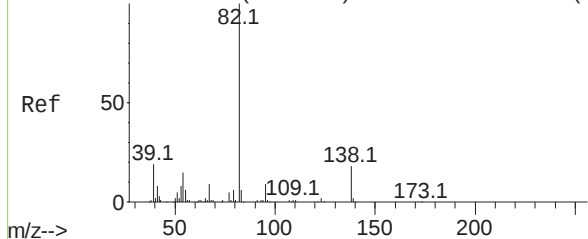


Nitrobenzene
Concen: 4.65 ng
RT: 9.319 min Scan# 1018
Delta R.T. 0.005 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	77	Resp:	5695
Ion	Ratio	Lower	Upper
77	100		
123	53.0	33.4	50.2#
65	12.2	13.3	19.9#



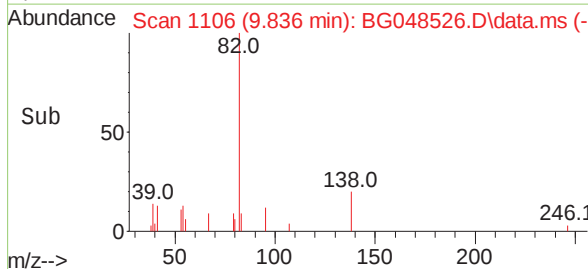
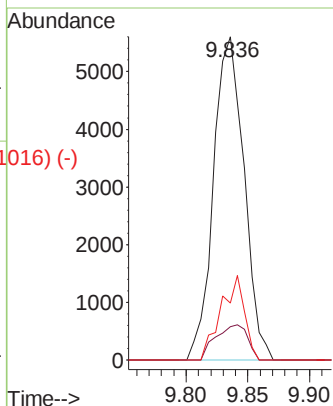
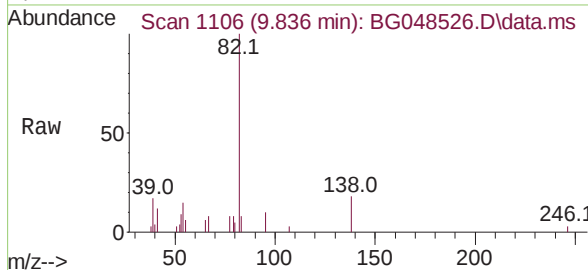
Abundance Scan 1105 (9.833 min): BG048516.D\data.ms (-1075) (-)



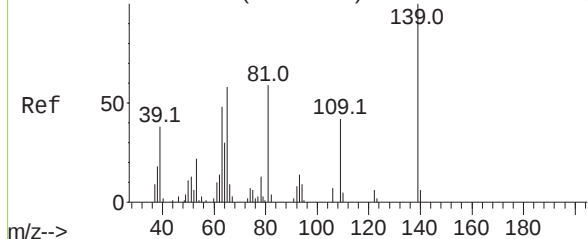
Isophorone
Concen: 4.18 ng
RT: 9.836 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion: 82 Resp: 9634
Ion Ratio Lower Upper
82 100
95 10.2 7.1 10.7
138 17.5 14.8 22.2

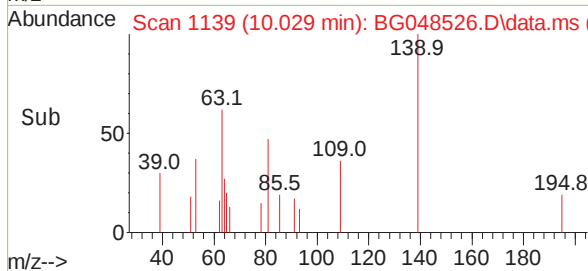
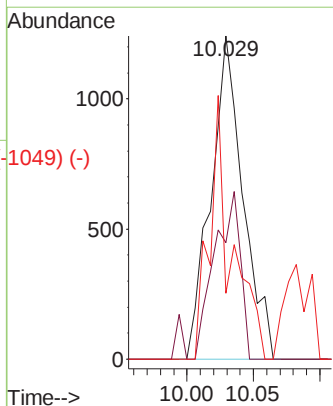
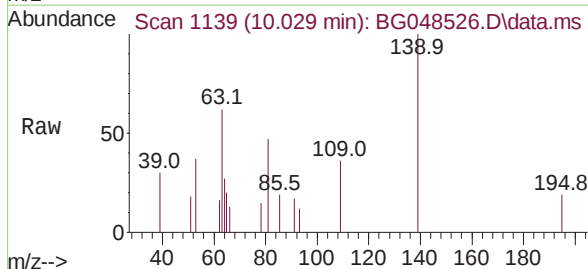


Abundance Scan 1138 (10.027 min): BG048516.D\data.ms (-1126) (-)

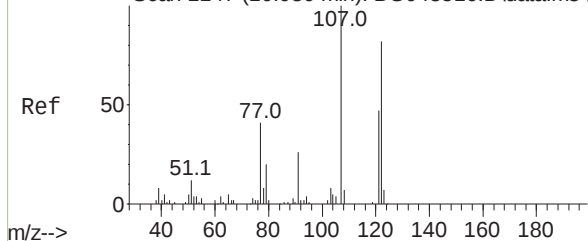


2-Nitrophenol
Concen: 3.71 ng
RT: 10.029 min Scan# 1139
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 139 Resp: 2086
Ion Ratio Lower Upper
139 100
109 36.0 33.7 50.5
65 20.4 46.8 70.2#



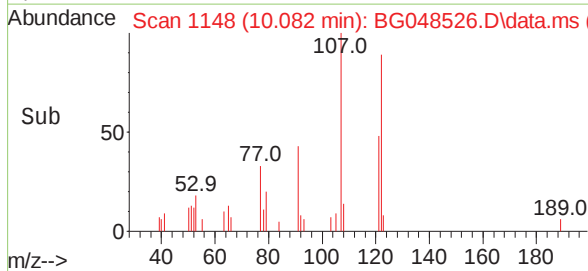
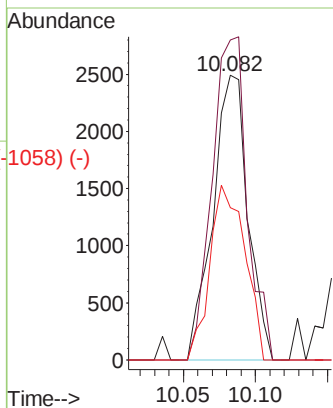
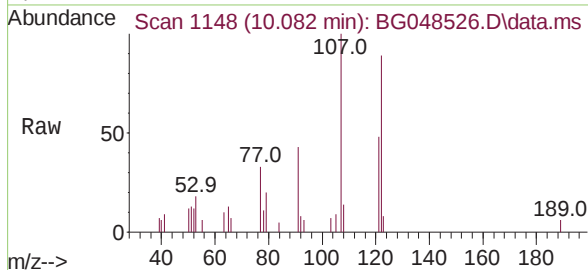
Abundance Scan 1147 (10.080 min): BG048516.D\data.ms (-1147) (-)



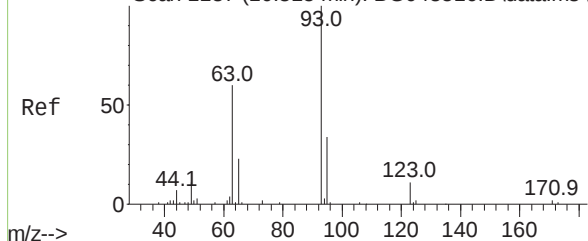
2,4-Dimethylphenol
Concen: 4.76 ng
RT: 10.082 min Scan# 1148
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:122 Resp: 4217
Ion Ratio Lower Upper
122 100
107 112.3 96.6 145.0
121 53.5 45.3 67.9

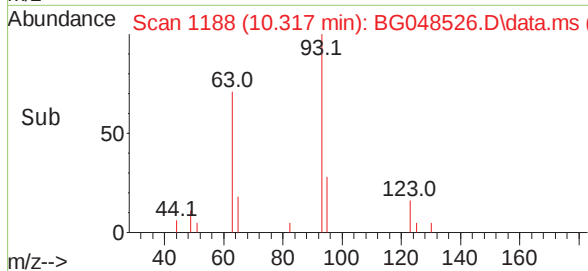
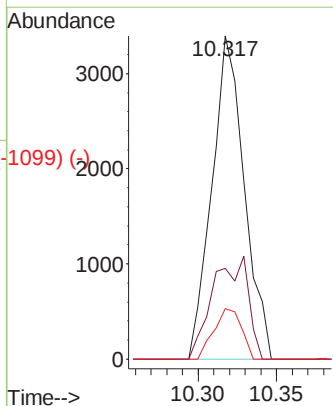
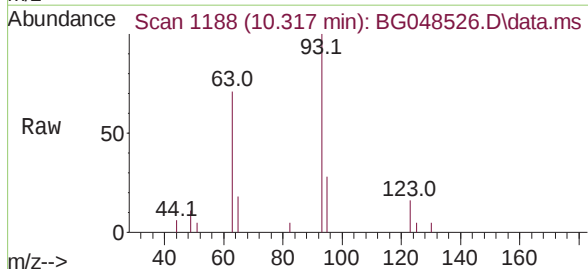


Abundance Scan 1187 (10.315 min): BG048516.D\data.ms (-1187) (-)

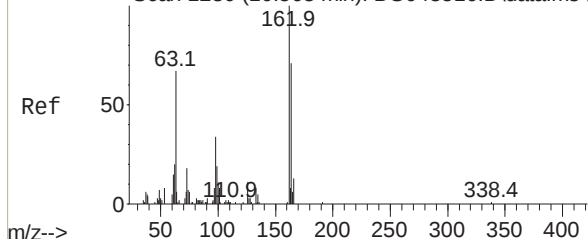


bis(2-Chloroethoxy)methane
Concen: 4.59 ng
RT: 10.317 min Scan# 1188
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 93 Resp: 4849
Ion Ratio Lower Upper
93 100
95 28.1 27.0 40.6
123 15.6 9.0 13.6#



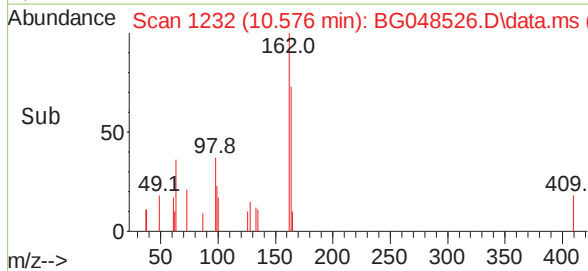
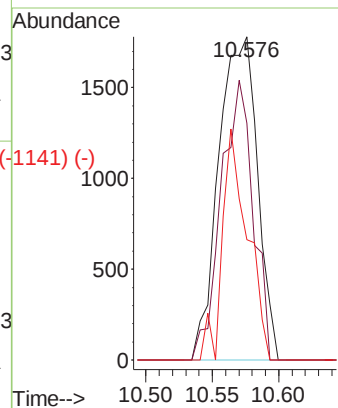
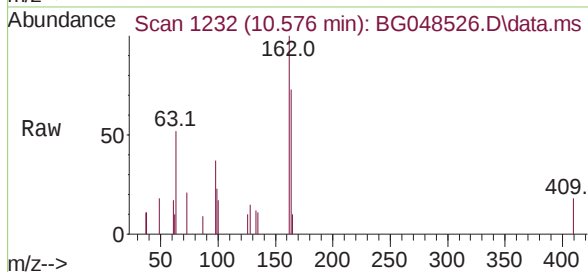
Abundance Scan 1230 (10.568 min): BG048516.D\data.ms (-1229) (-)



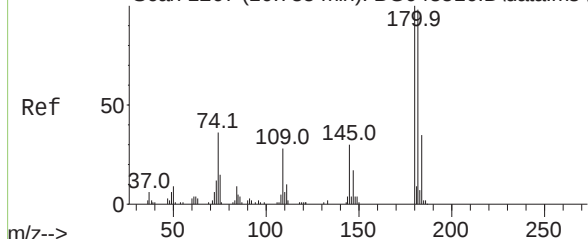
2,4-Dichlorophenol
Concen: 3.60 ng
RT: 10.576 min Scan# 1232
Delta R.T. 0.005 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	162	Resp:	3610
Ion	Ratio	Lower	Upper
162	100		
164	83.5	51.2	91.2
98	37.2	13.6	53.6

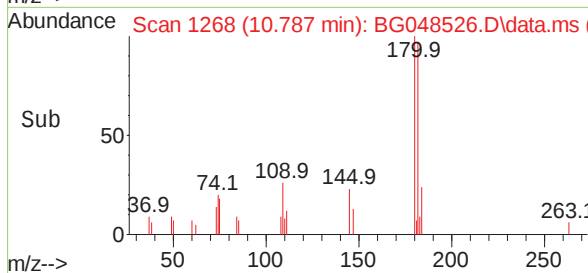
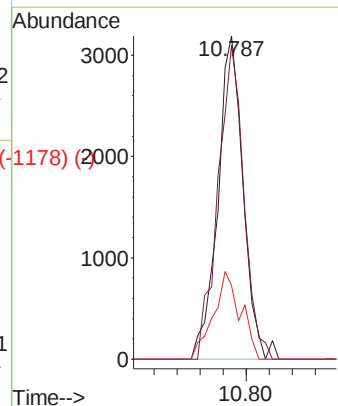
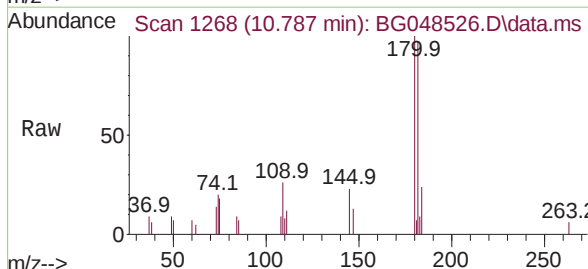


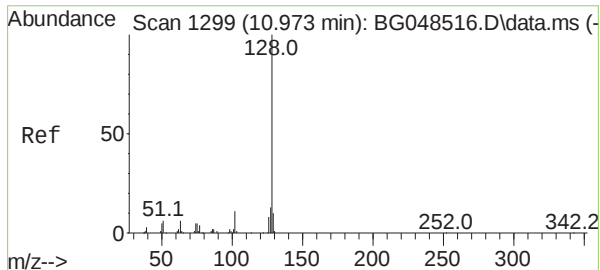
Abundance Scan 1267 (10.785 min): BG048516.D\data.ms (-1230) (-)



1,2,4-Trichlorobenzene
Concen: 4.23 ng
RT: 10.787 min Scan# 1268
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	180	Resp:	4877
Ion	Ratio	Lower	Upper
180	100		
182	106.3	78.8	118.2
145	22.7	24.0	36.0#

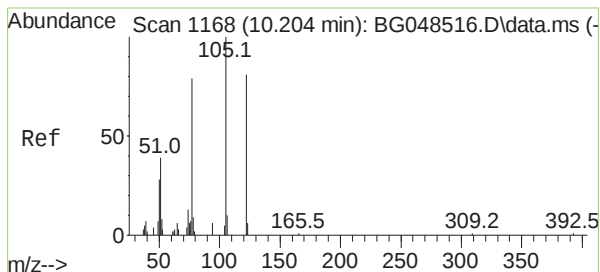
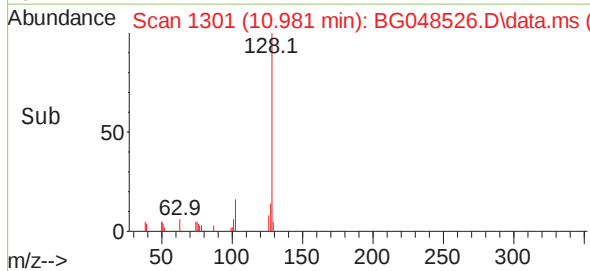
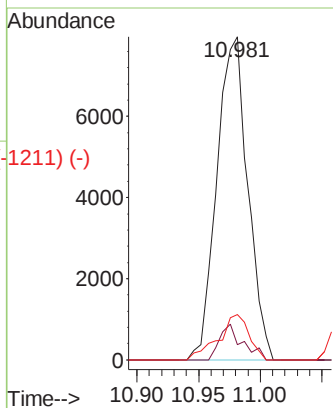
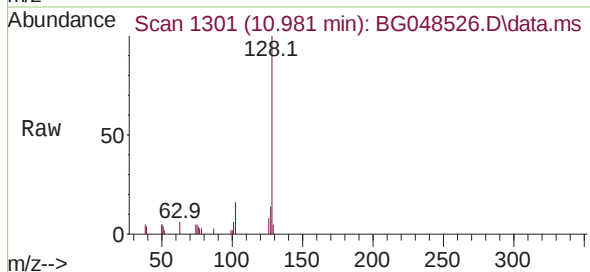




#31 (-)
Naphthalene
Concen: 4.49 ng
RT: 10.981 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

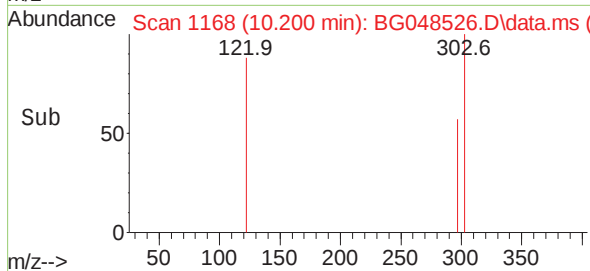
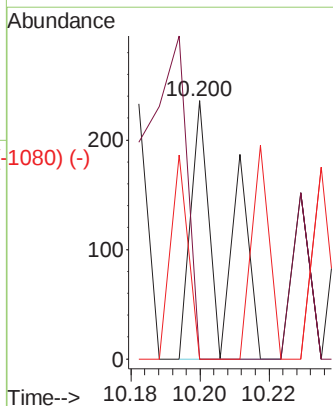
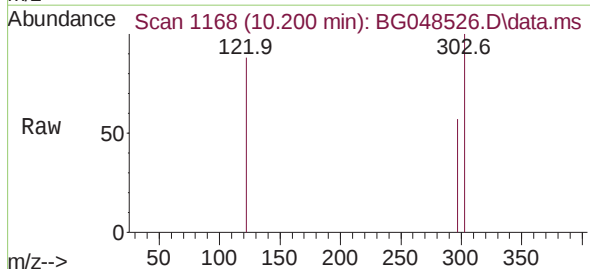
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	128	Resp:	13953
Ion	Ratio	Lower	Upper
128	100		
129	4.8	8.2	12.2#
127	14.0	10.6	16.0

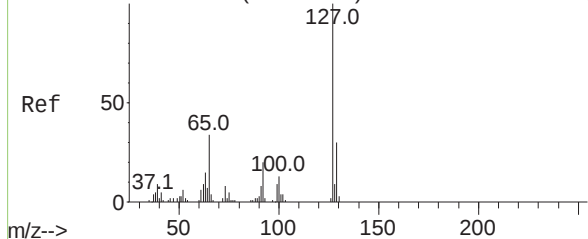


#32 (-)
Benzoic acid
Concen: 0.22 ng
RT: 10.200 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	122	Resp:	149
Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.1	137.1#
77	0.0	76.8	116.8#



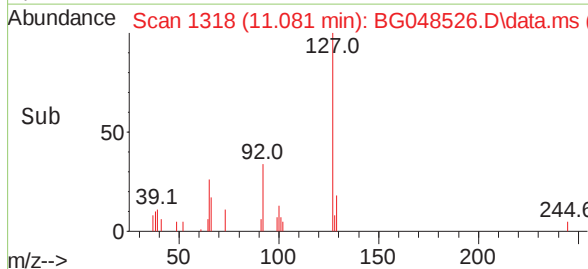
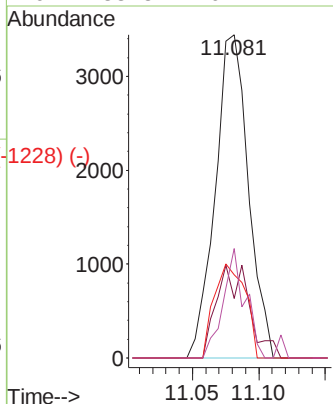
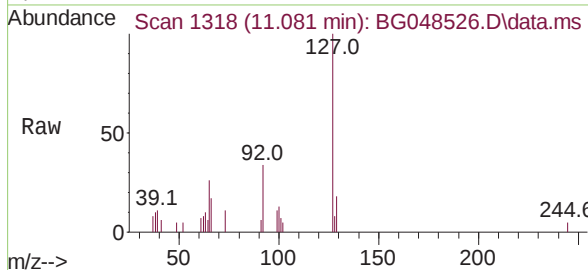
Abundance Scan 1316 (11.073 min): BG048516.D\data.ms (-1308) (-)



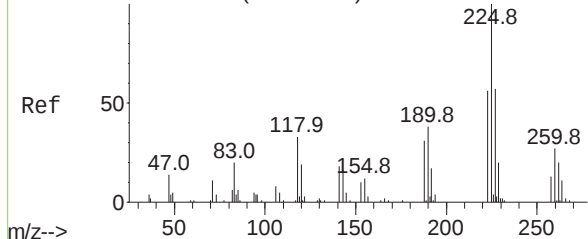
4-Chloroaniline
Concen: 4.55 ng
RT: 11.081 min Scan# 1318
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	127	Resp:	5959
Ion	Ratio	Lower	Upper
127	100		
129	18.4	24.3	36.5#
65	25.7	27.0	40.4#
92	33.8	16.4	24.6#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

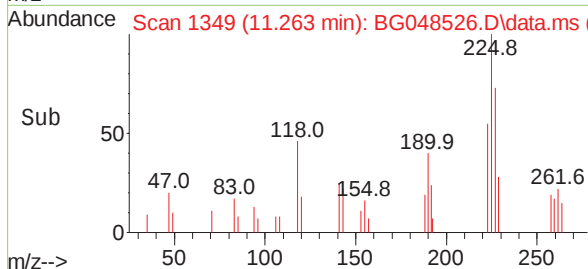
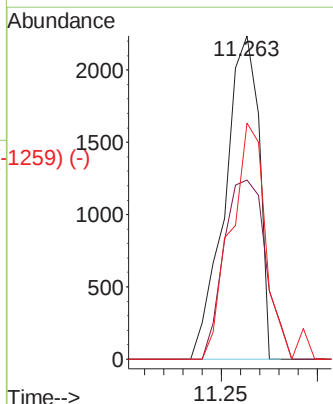
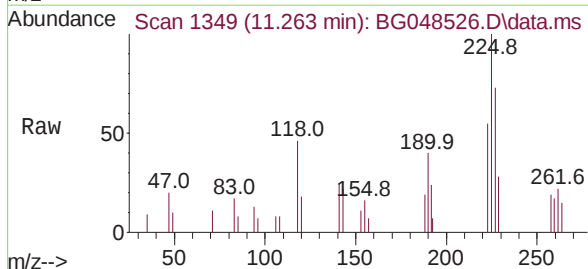


Abundance Scan 1348 (11.261 min): BG048516.D\data.ms (-1349) (-)



Hexachlorobutadiene
Concen: 3.28 ng
RT: 11.263 min Scan# 1349
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

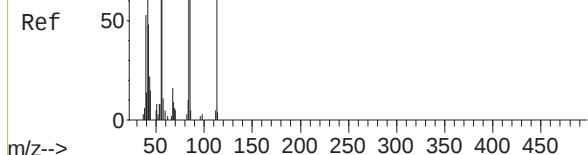
Tgt Ion:	225	Resp:	2762
Ion	Ratio	Lower	Upper
225	100		
223	55.4	44.8	67.2
227	73.1	45.4	68.0#



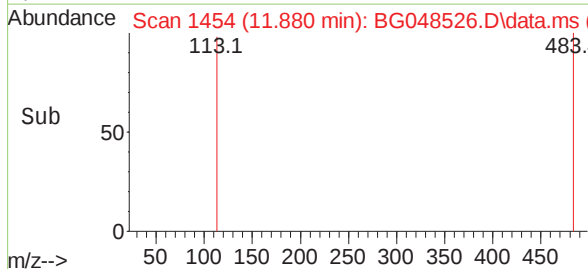
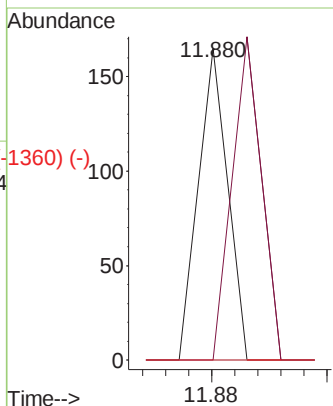
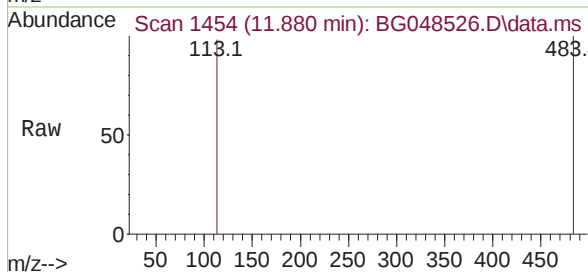
Abundance Scan 1447 (11.843 min): BG048516.D\data.ms (-1435) (-)

Caprolactam
Concen: 0.16 ng
RT: 11.880 min Scan# 1454
Delta R.T. 0.022 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

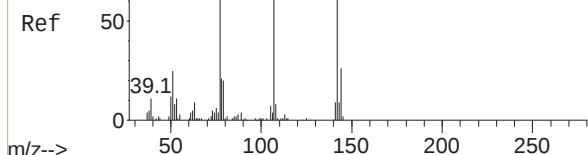


Tgt Ion:	113	Resp:	58
Ion	Ratio	Lower	Upper
113	100		
55	0.0	76.8	116.8#
56	0.0	71.1	111.1#

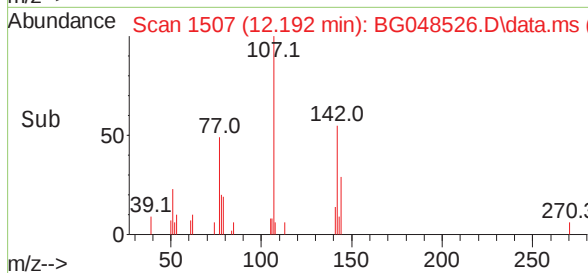
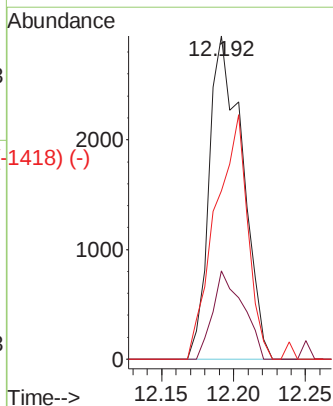
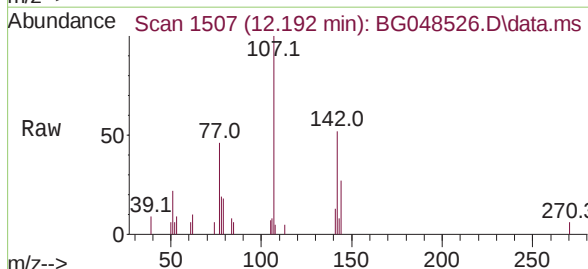


Abundance Scan 1507 (12.195 min): BG048516.D\data.ms (-1436) (-)

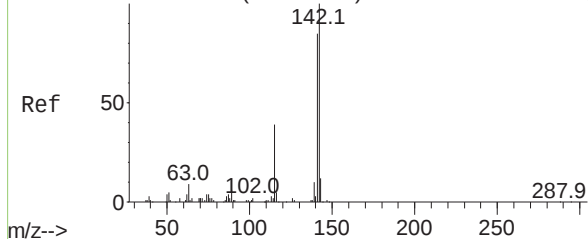
4-Chloro-3-methylphenol
Concen: 4.20 ng
RT: 12.192 min Scan# 1507
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03



Tgt Ion:	107	Resp:	4732
Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.6	31.0
142	52.2	67.0	100.6#



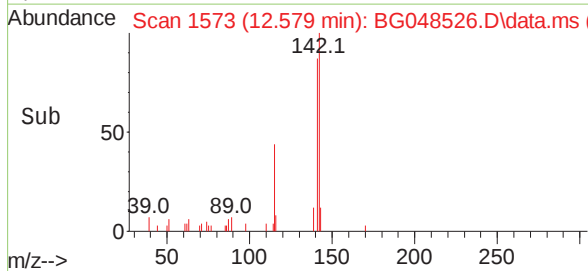
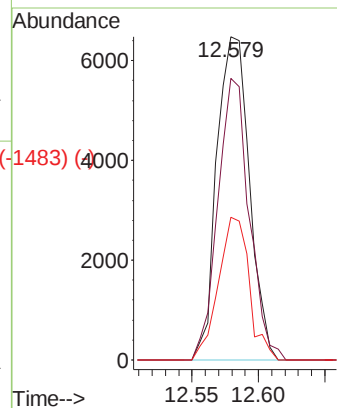
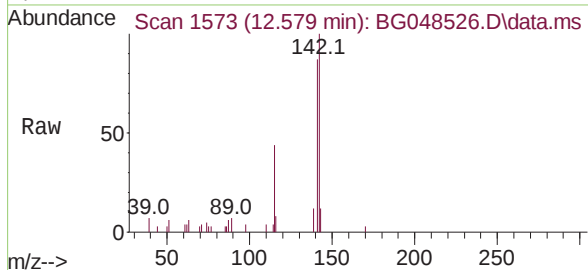
Abundance Scan 1572 (12.577 min): BG048516.D\data.ms (-1537) (-)



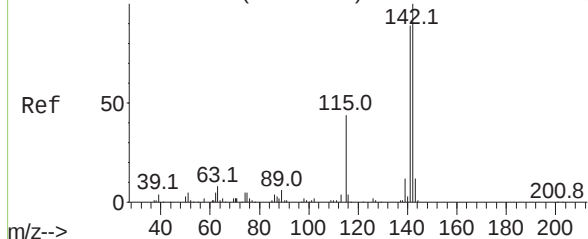
2-Methylnaphthalene
Concen: 4.47 ng
RT: 12.579 min Scan# 1573
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	142	Resp:	11044
Ion	Ratio	Lower	Upper
142	100		
141	87.1	68.2	102.4
115	44.1	30.8	46.2

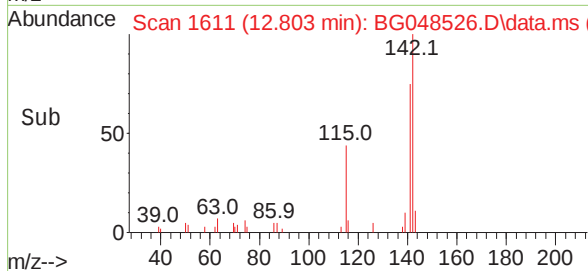
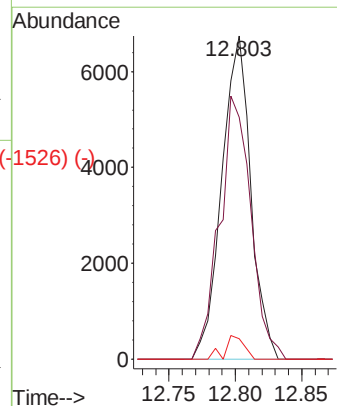
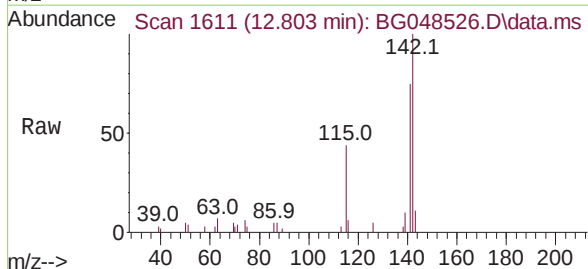


Abundance Scan 1610 (12.801 min): BG048516.D\data.ms (-1635) (-)

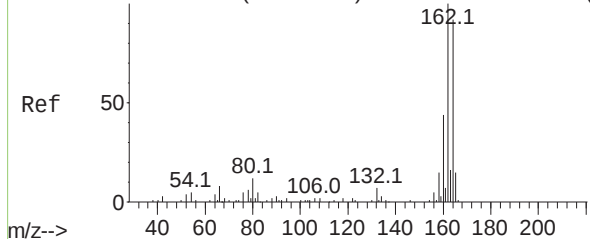


1-Methylnaphthalene
Concen: 4.33 ng
RT: 12.803 min Scan# 1611
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	142	Resp:	10212
Ion	Ratio	Lower	Upper
142	100		
141	74.9	71.2	106.8
116	6.3	3.4	5.0#



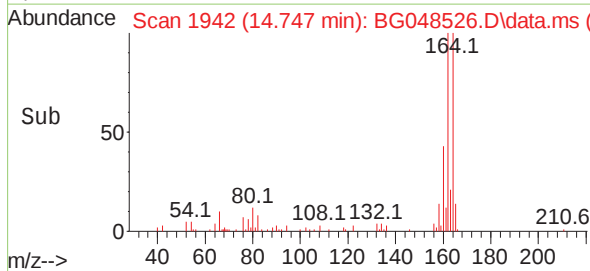
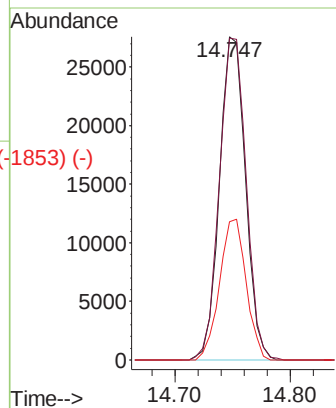
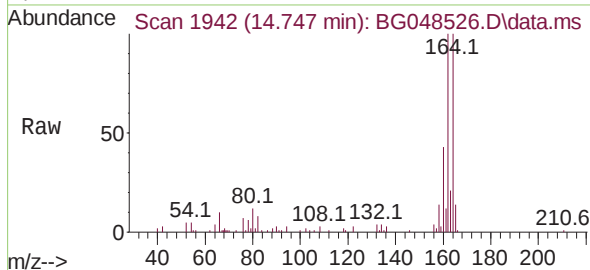
Abundance Scan 1942 (14.751 min): BG048516.D\data.ms (-1539) (-)



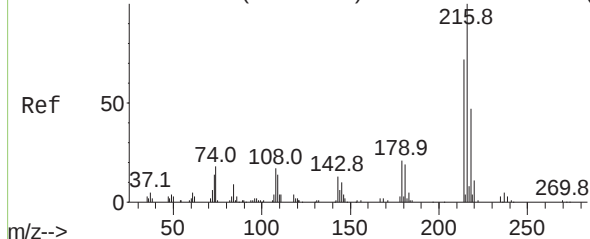
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	164	Resp:	43291
Ion	Ratio	Lower	Upper
164	100		
162	99.5	87.0	130.6
160	42.7	38.4	57.6

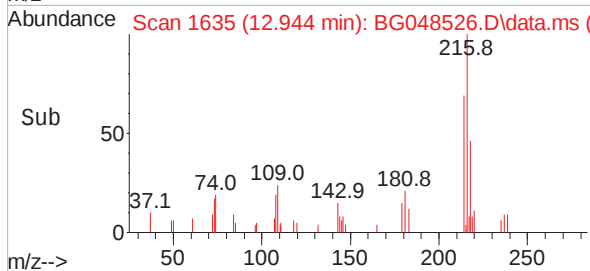
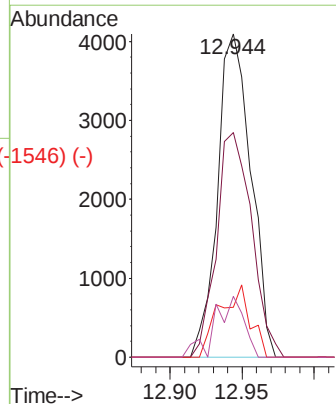
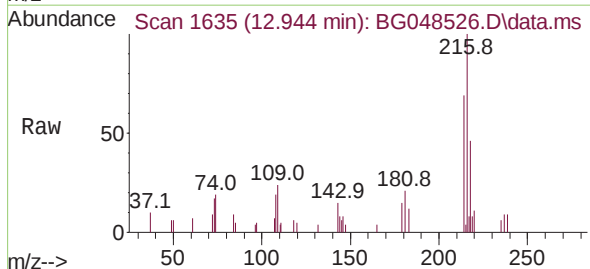


Abundance Scan 1634 (12.942 min): BG048516.D\data.ms (-1541) (-)



1,2,4,5-Tetrachlorobenzene
Concen: 4.90 ng
RT: 12.944 min Scan# 1635
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

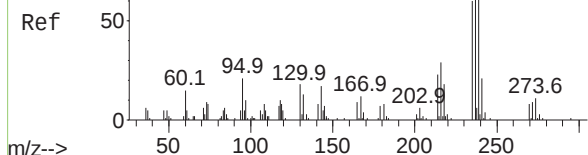
Tgt Ion:	216	Resp:	6582
Ion	Ratio	Lower	Upper
216	100		
214	73.0	61.1	91.7
179	20.8	17.3	25.9
108	16.4	15.2	22.8



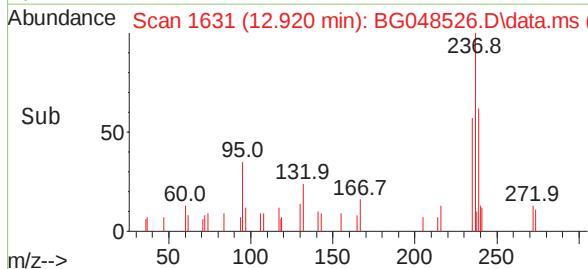
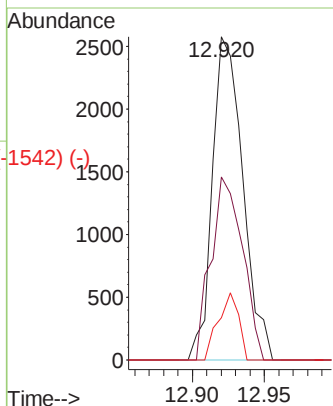
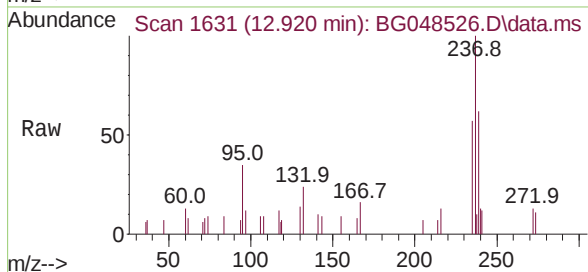
Abundance Scan 1631 (12.924 min): BG048516.D\data.ms (-1641) (-)

Hexachlorocyclopentadiene
Concen: 4.86 ng
RT: 12.920 min Scan# 1631
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

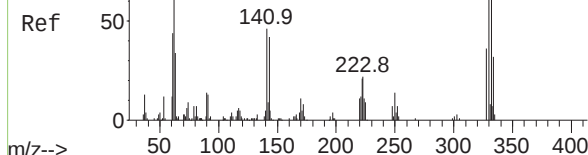


Tgt Ion:	237	Resp:	3780
Ion	Ratio	Lower	Upper
237	100		
235	56.6	39.7	79.7
272	13.0	0.0	28.8

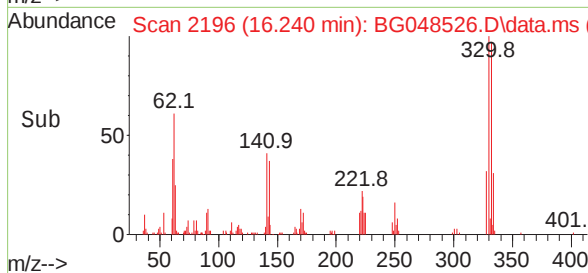
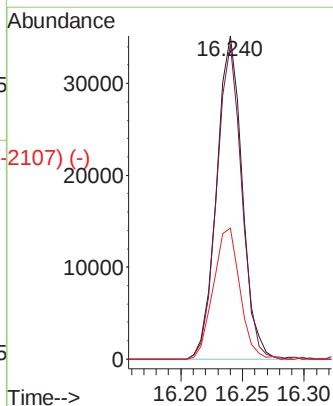
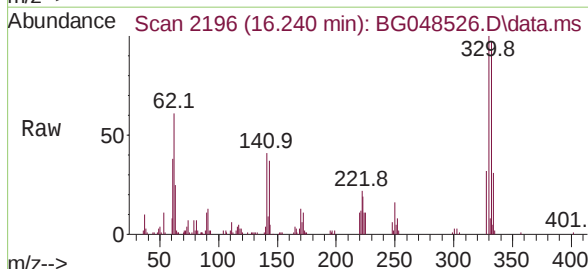


Abundance Scan 2195 (16.238 min): BG048516.D\data.ms (-2195) (-)

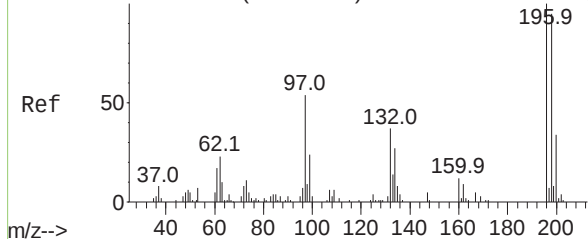
2,4,6-Tribromophenol
Concen: 89.20 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03



Tgt Ion:	330	Resp:	50762
Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	42.1	34.6	52.0



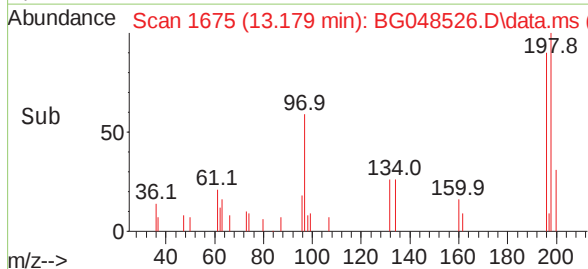
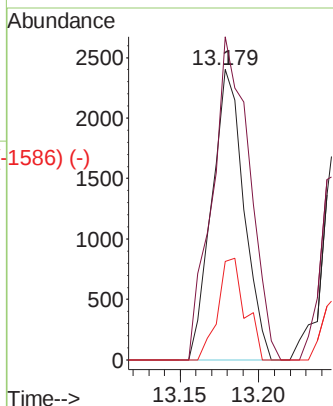
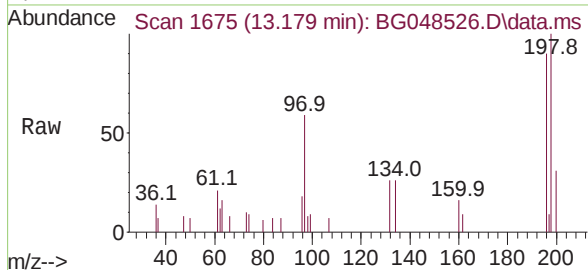
Abundance Scan 1675 (13.182 min): BG048516.D\data.ms (-1586) (-)



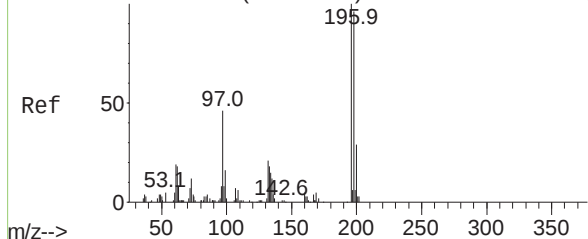
2,4,6-Trichlorophenol
Concen: 3.70 ng
RT: 13.179 min Scan# 1675
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	196	Resp:	3414
Ion	Ratio	Lower	Upper
196	100		
198	111.2	75.8	113.6
200	34.0	27.0	40.6

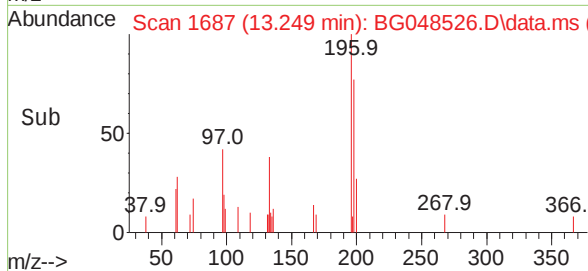
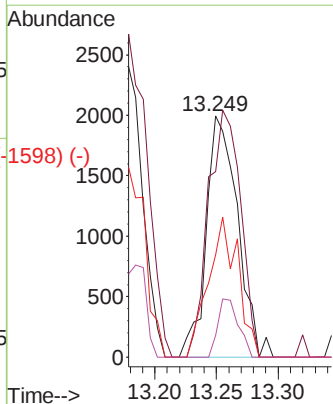
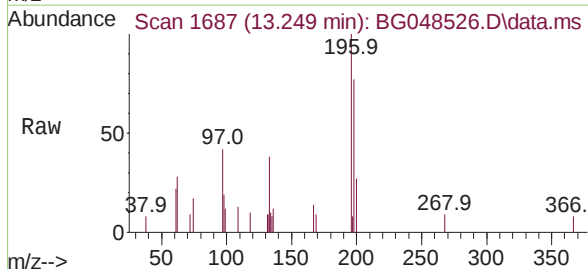


Abundance Scan 1687 (13.253 min): BG048516.D\data.ms (-1586) (-)

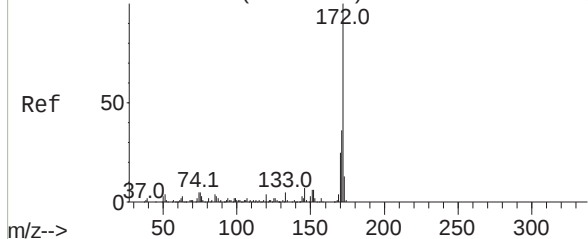


2,4,5-Trichlorophenol
Concen: 3.57 ng
RT: 13.249 min Scan# 1687
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	196	Resp:	3525
Ion	Ratio	Lower	Upper
196	100		
198	76.8	77.1	115.7#
97	42.4	37.5	56.3
132	9.1	17.3	25.9#



Abundance Scan 1707 (13.370 min): BG048516.D\data.ms (-1695) (-)

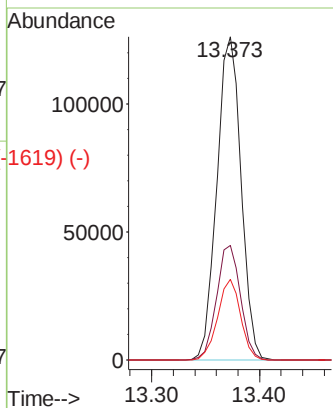
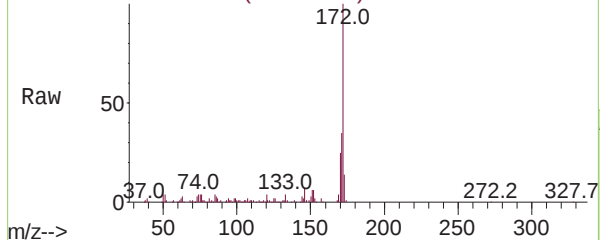


2-Fluorobiphenyl
Concen: 68.17 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

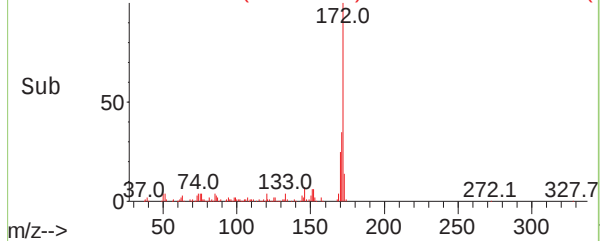
Tgt Ion:	172	Resp:	198550
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.9	19.8	29.6

Instrument :
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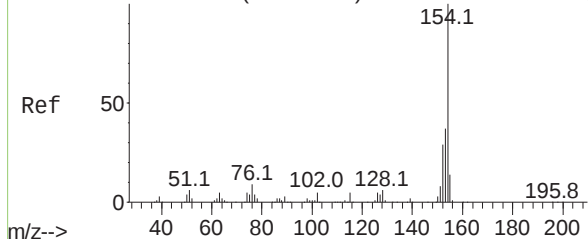
Abundance Scan 1708 (13.373 min): BG048526.D\data.ms



Abundance Scan 1708 (13.373 min): BG048526.D\data.ms (-1619) (-)



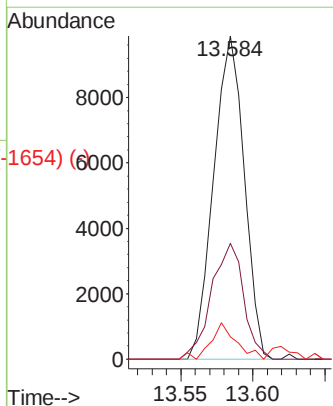
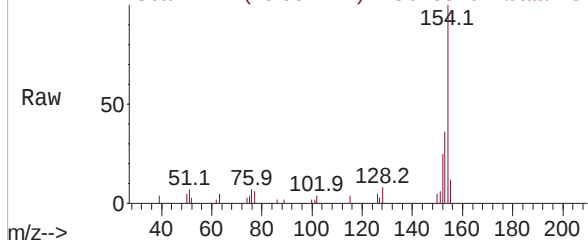
Abundance Scan 1743 (13.582 min): BG048516.D\data.ms (-1745) (-)



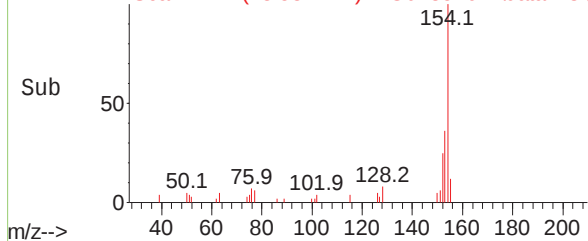
1,1'-Biphenyl
Concen: 4.60 ng
RT: 13.584 min Scan# 1744
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	154	Resp:	14551
Ion	Ratio	Lower	Upper
154	100		
153	35.8	17.3	57.3
76	6.8	0.0	28.6

Abundance Scan 1744 (13.584 min): BG048526.D\data.ms



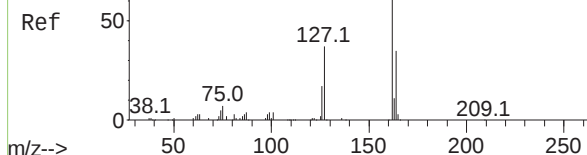
Abundance Scan 1744 (13.584 min): BG048526.D\data.ms (-1654) (-)



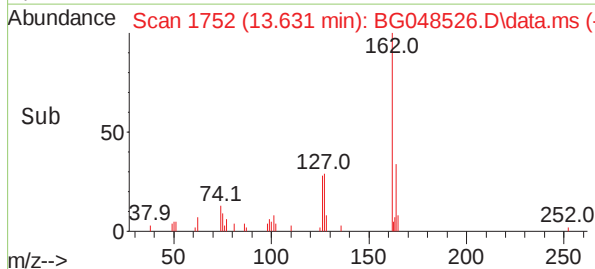
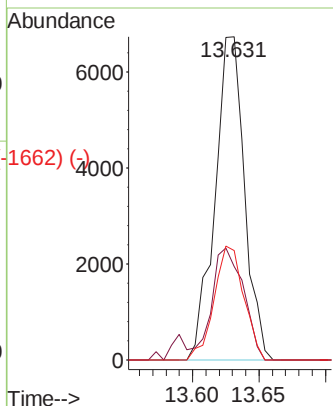
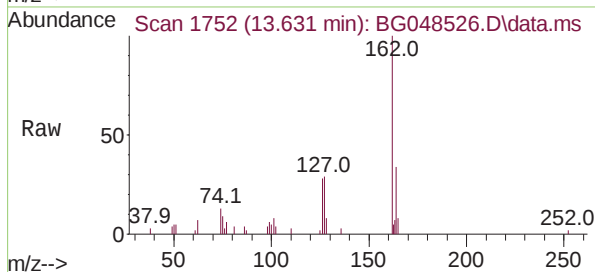
Abundance Scan 1751 (13.629 min): BG048516.D\data.ms (-1741) (-)

2-Chloronaphthalene
Concen: 4.32 ng
RT: 13.631 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
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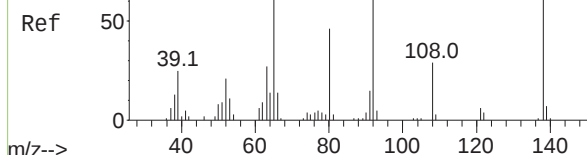


Tgt Ion:	162	Resp:	10412
Ion	Ratio	Lower	Upper
162	100		
127	27.5	31.8	47.8#
164	32.4	27.8	41.6

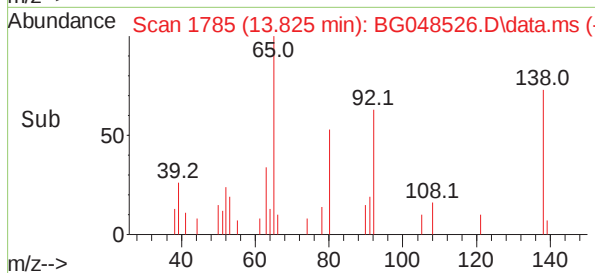
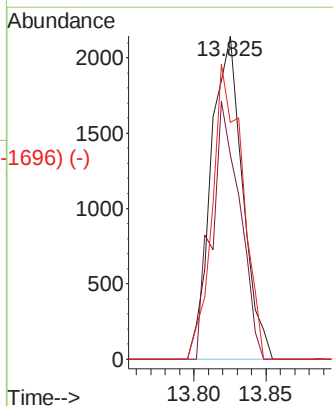
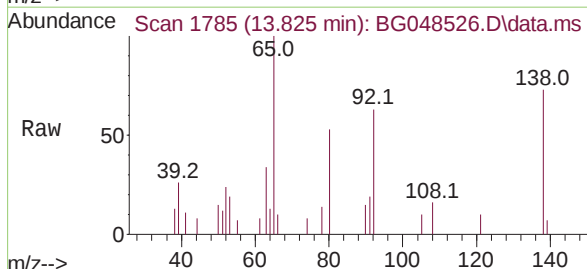


Abundance Scan 1784 (13.823 min): BG048516.D\data.ms (-1746) (-)

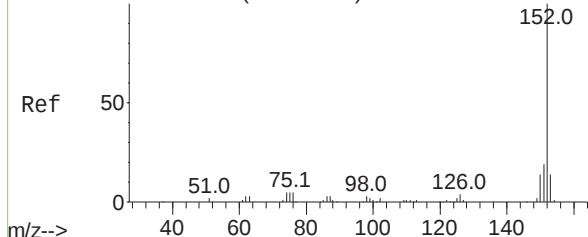
2-Nitroaniline
Concen: 4.24 ng
RT: 13.825 min Scan# 1785
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03



Tgt Ion:	65	Resp:	3250
Ion	Ratio	Lower	Upper
65	100		
92	63.2	56.7	85.1
138	73.3	89.6	134.4#



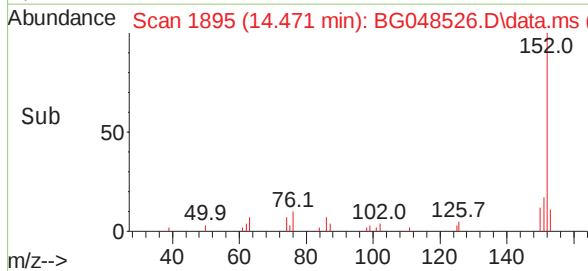
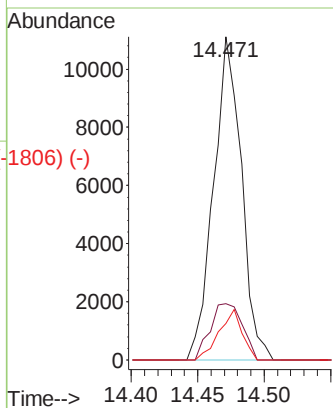
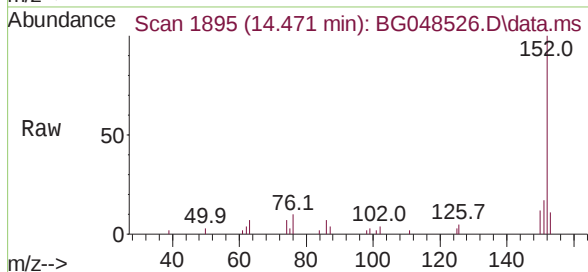
Abundance Scan 1894 (14.469 min): BG048516.D\data.ms (-1849) (-)



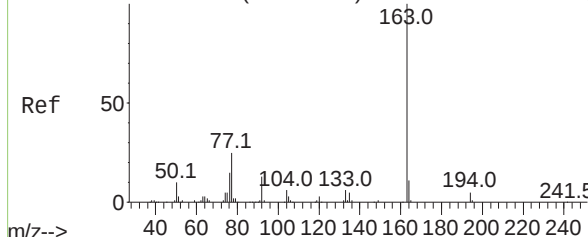
Acenaphthylene
Concen: 4.27 ng
RT: 14.471 min Scan# 1895
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	152	Resp:	16134
Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.0	22.6
153	11.3	11.0	16.6

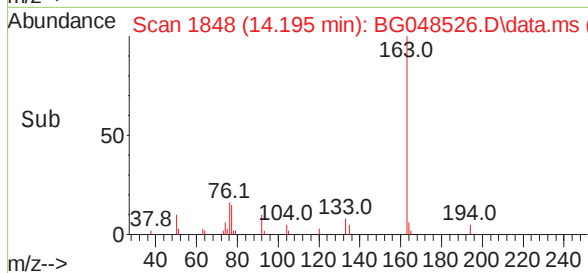
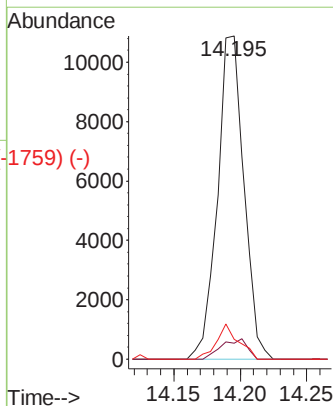
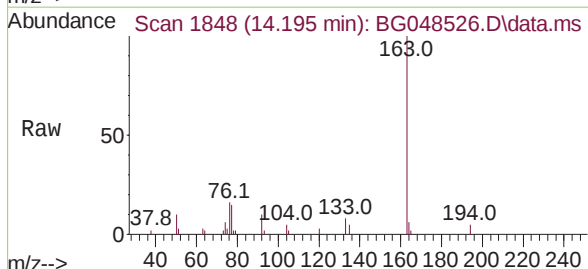


Abundance Scan 1847 (14.193 min): BG048516.D\data.ms (-1850) (-)



Dimethylphthalate
Concen: 4.66 ng
RT: 14.195 min Scan# 1848
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

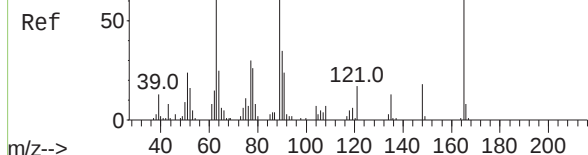
Tgt Ion:	163	Resp:	14958
Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.1	6.1
164	6.1	8.6	12.8#



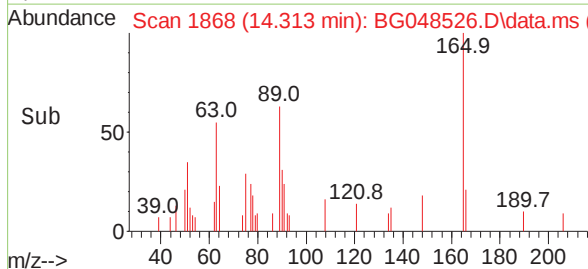
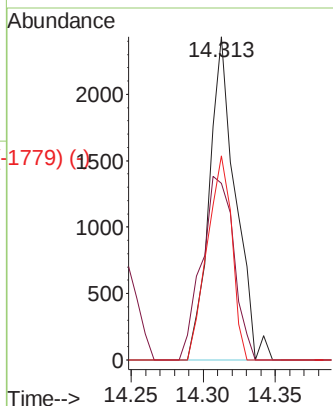
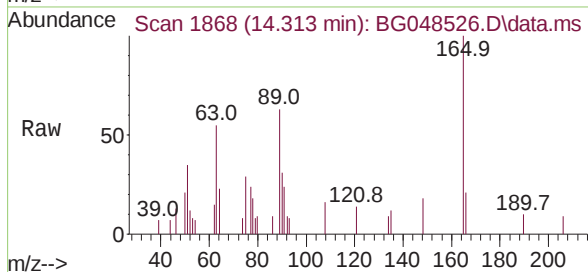
Abundance Scan 1868 (14.316 min): BG048516.D\data.ms (-1779) (-)

2,6-Dinitrotoluene
Concen: 4.17 ng
RT: 14.313 min Scan# 1868
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
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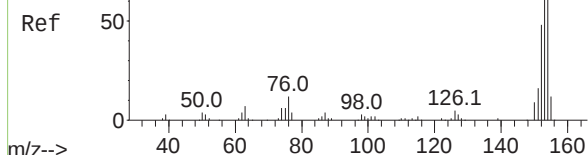


Tgt Ion:	165	Resp:	3068
Ion	Ratio	Lower	Upper
165	100		
63	54.7	53.8	80.6
89	63.2	50.8	76.2

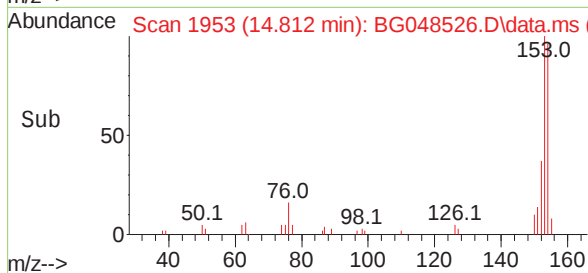
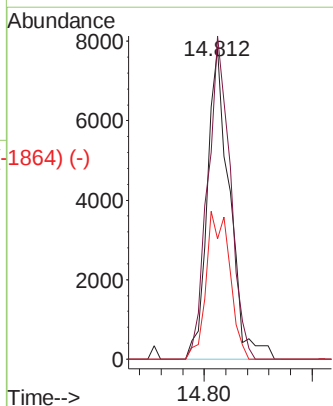
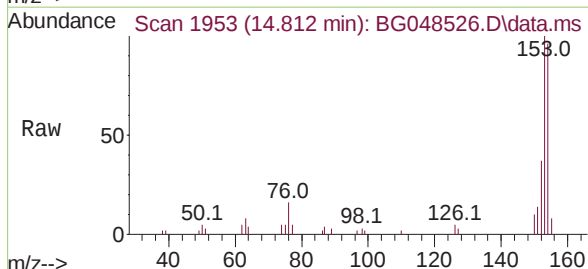


Abundance Scan 1953 (14.816 min): BG048516.D\data.ms (-1779) (-)

Acenaphthene
Concen: 4.13 ng
RT: 14.812 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03



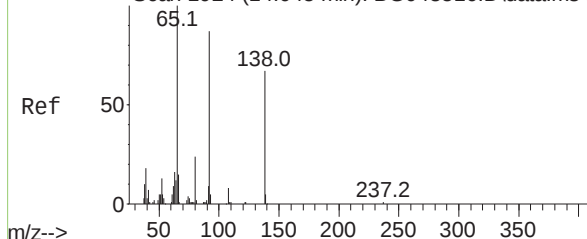
Tgt Ion:	154	Resp:	11290
Ion	Ratio	Lower	Upper
154	100		
153	104.1	86.6	129.8
152	38.8	41.5	62.3#



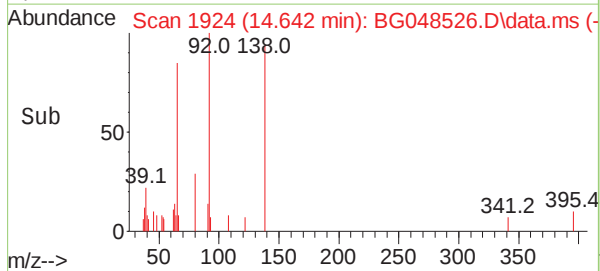
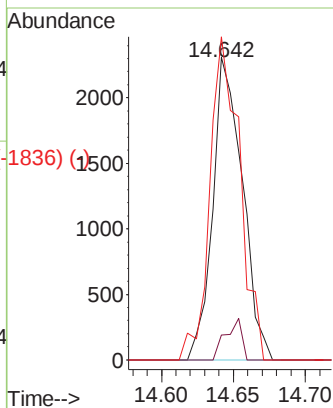
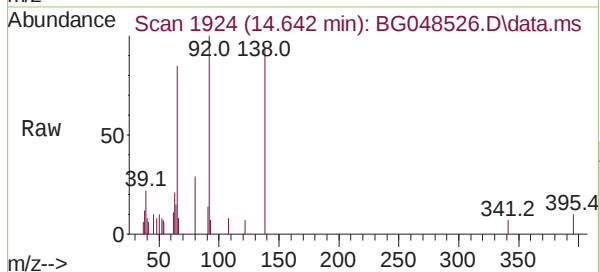
Abundance Scan 1924 (14.645 min): BG048516.D\data.ms (-1952) (-)

3-Nitroaniline
Concen: 4.57 ng
RT: 14.642 min Scan# 1924
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
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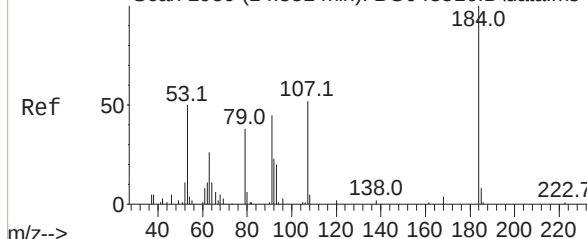


Tgt Ion:	138	Resp:	3293
Ion	Ratio	Lower	Upper
138	100		
108	8.2	9.2	13.8#
92	106.8	103.8	155.8

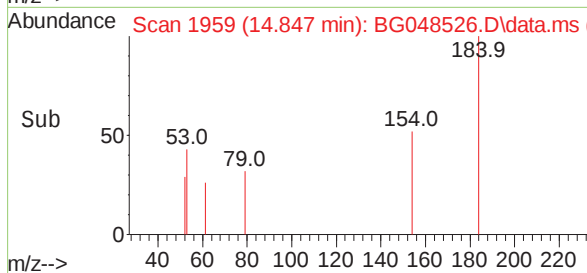
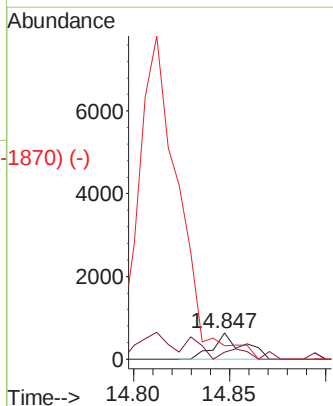
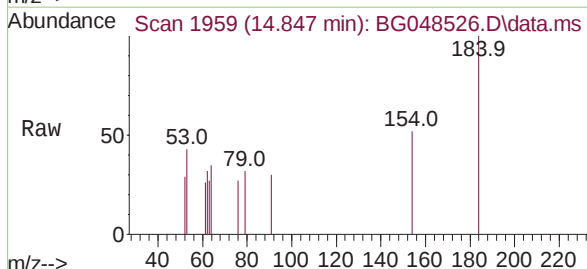


Abundance Scan 1959 (14.851 min): BG048516.D\data.ms (-1952) (-)

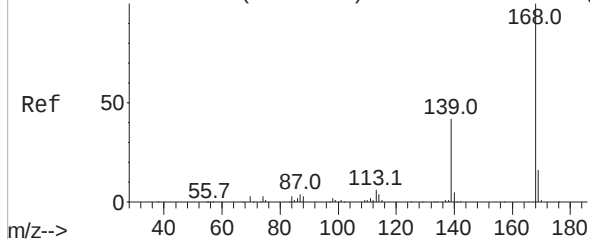
2,4-Dinitrophenol
Concen: 1.66 ng
RT: 14.847 min Scan# 1959
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03



Tgt Ion:	184	Resp:	685
Ion	Ratio	Lower	Upper
184	100		
63	26.9	56.6	84.8#
154	51.7	54.9	82.3#



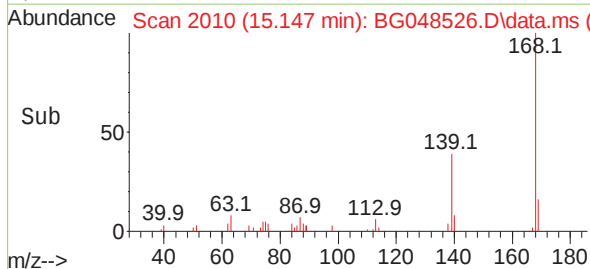
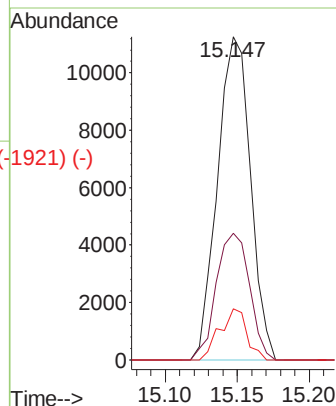
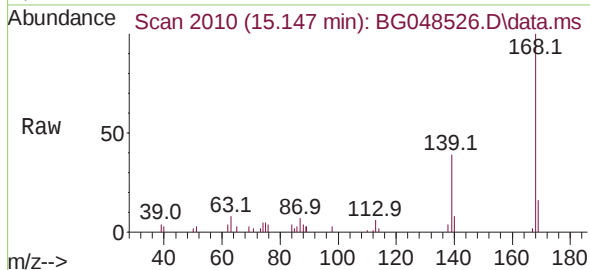
Abundance Scan 2009 (15.145 min): BG048516.D\data.ms (-1921) (-)



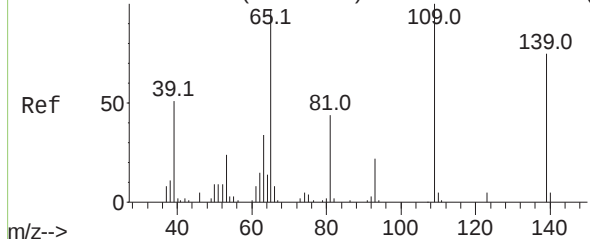
Dibenzofuran
Concen: 4.49 ng
RT: 15.147 min Scan# 2010
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	168	Resp:	17920
Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.7	50.5
169	15.9	12.5	18.7

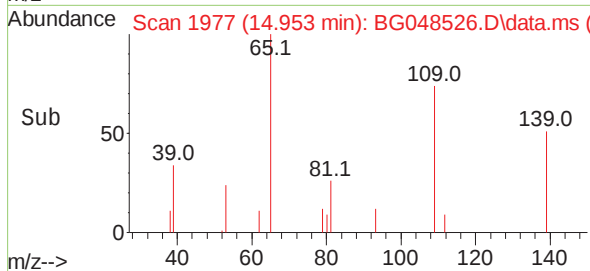
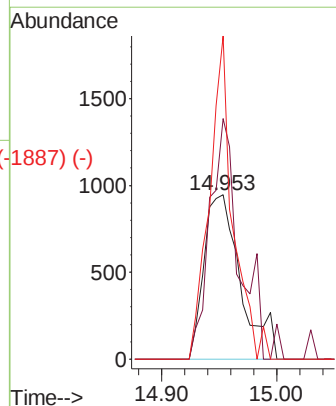
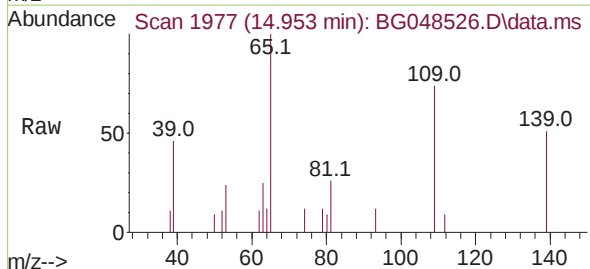


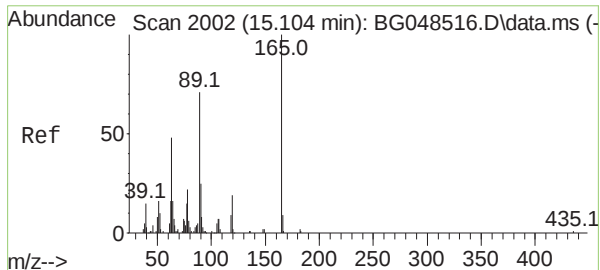
Abundance Scan 1976 (14.951 min): BG048516.D\data.ms (-1956) (-)



4-Nitrophenol
Concen: 3.60 ng
RT: 14.953 min Scan# 1977
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	139	Resp:	2092
Ion	Ratio	Lower	Upper
139	100		
109	146.4	113.0	153.0
65	196.5	109.4	149.4#

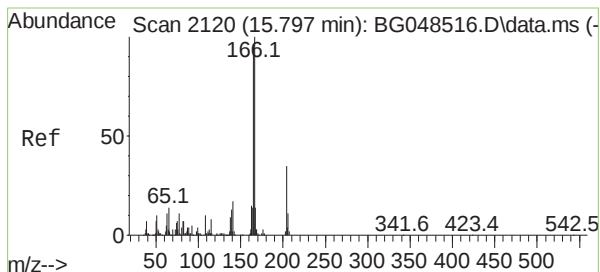
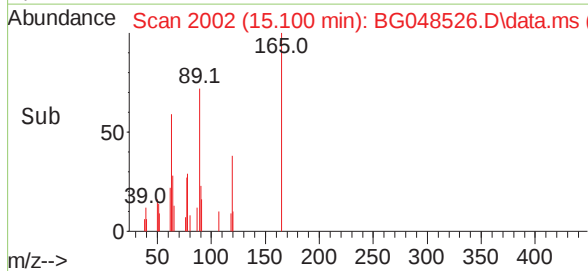
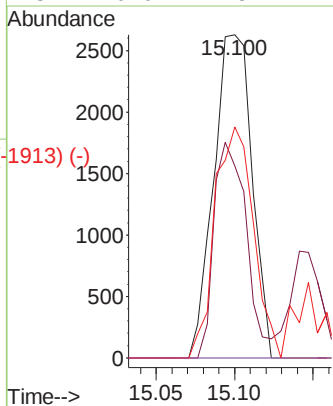
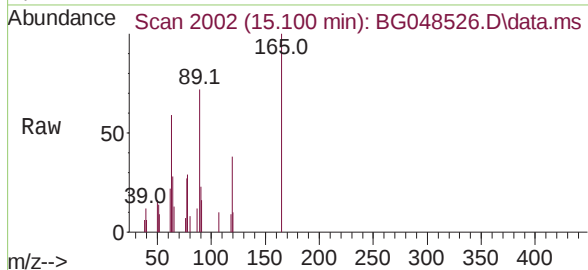




2,4-Dinitrotoluene
Concen: 4.29 ng
RT: 15.100 min Scan# 2002
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

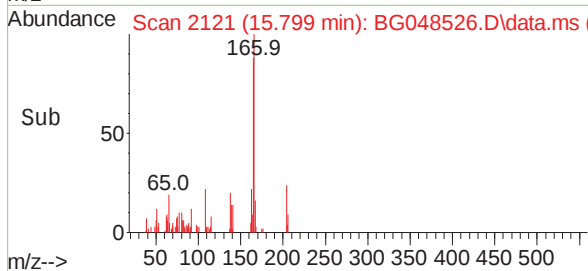
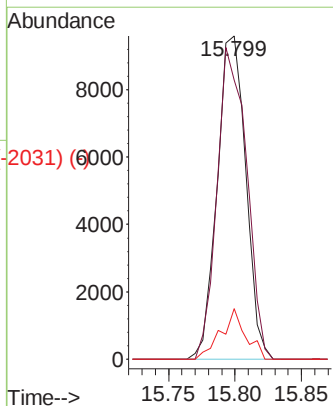
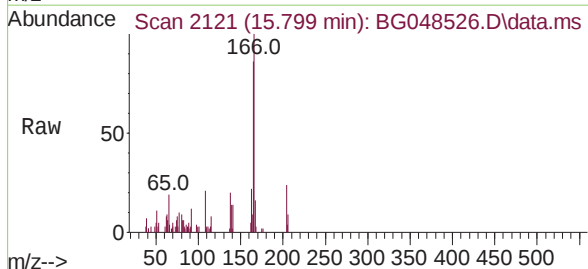
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	165	Resp:	4460
Ion Ratio	Lower	Upper	
165	100		
63	59.3	38.3	57.5#
89	71.5	56.5	84.7
182	0.0	1.8	2.6#

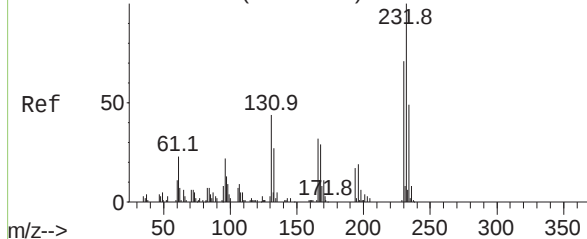


Fluorene
Concen: 4.28 ng
RT: 15.799 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	166	Resp:	14310
Ion Ratio	Lower	Upper	
166	100		
165	86.4	76.8	115.2
167	15.7	11.1	16.7



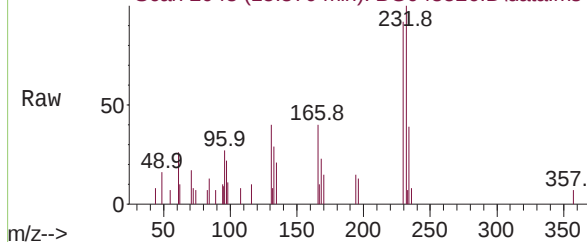
Abundance Scan 2047 (15.368 min): BG048516.D\data.ms (-2047) (-)



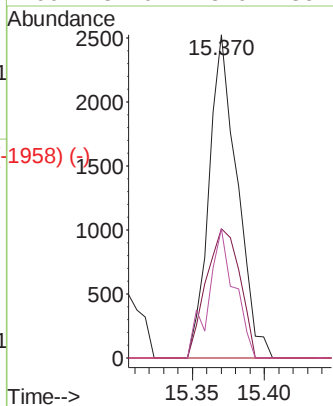
2,3,4,6-Tetrachlorophenol
Concen: 3.55 ng
RT: 15.370 min Scan# 2048
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

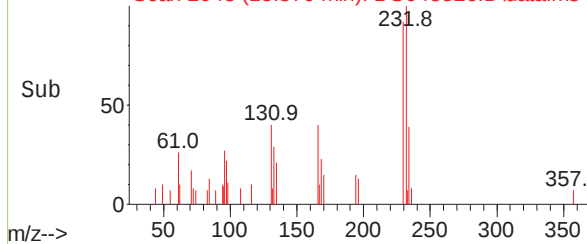
Abundance Scan 2048 (15.370 min): BG048526.D\data.ms



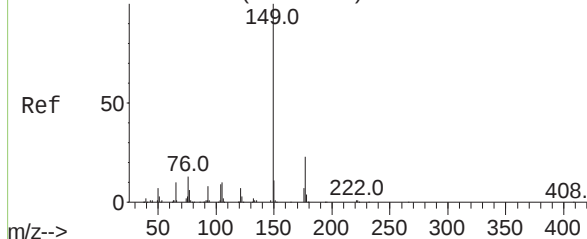
Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.8	35.0	52.4
130	0.0	2.4	3.6#
166	37.0	23.6	35.4#



Abundance Scan 2048 (15.370 min): BG048526.D\data.ms (-1958) (-)

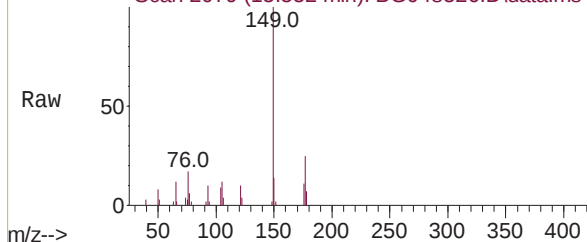


Abundance Scan 2079 (15.556 min): BG048516.D\data.ms (-2079) (-)

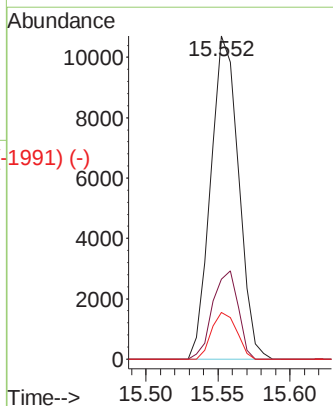


Diethylphthalate
Concen: 4.35 ng
RT: 15.552 min Scan# 2079
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

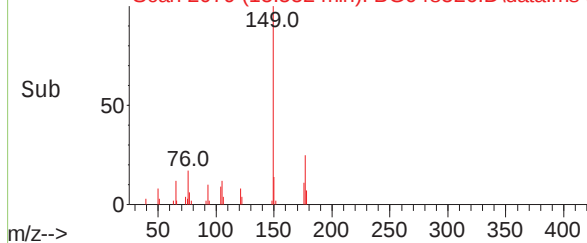
Abundance Scan 2079 (15.552 min): BG048526.D\data.ms



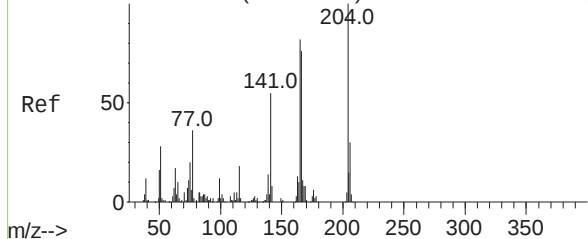
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.1	27.1
150	14.4	9.1	13.7#



Abundance Scan 2079 (15.552 min): BG048526.D\data.ms (-1991) (-)



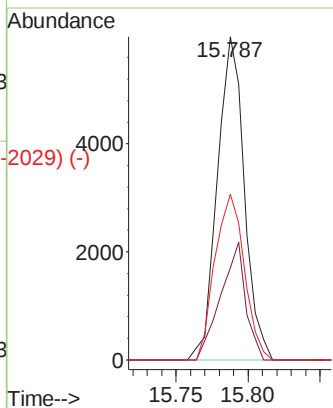
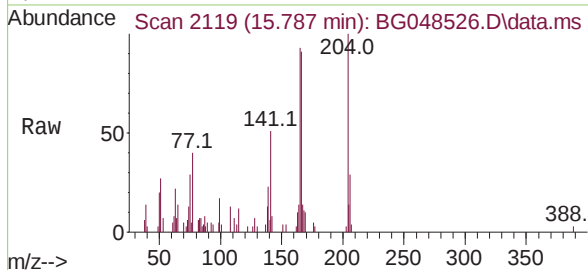
Abundance Scan 2118 (15.785 min): BG048516.D\data.ms (-2118) (-)



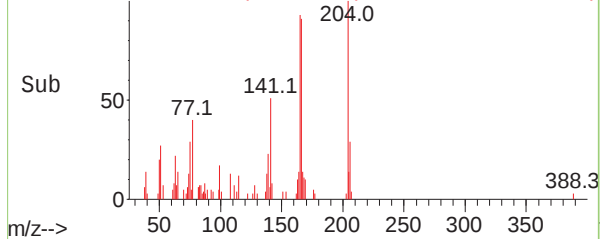
4-Chlorophenyl-phenylether
Concen: 4.32 ng
RT: 15.787 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

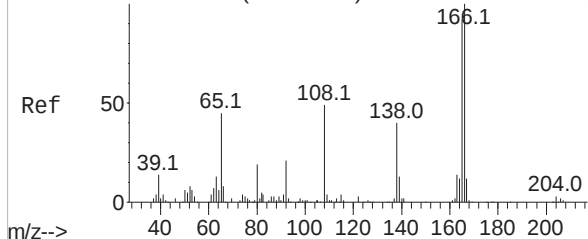
Tgt Ion:	204	Resp:	7767
Ion Ratio	Lower	Upper	
204	100		
206	28.6	23.8	35.8
141	51.4	44.0	66.0



Abundance Scan 2119 (15.787 min): BG048526.D\data.ms (-2029) (-)

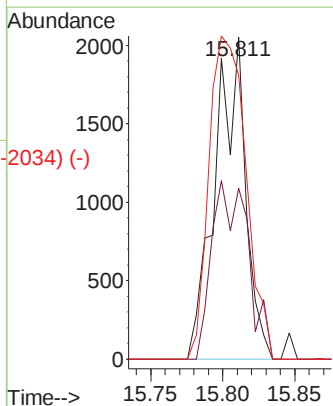
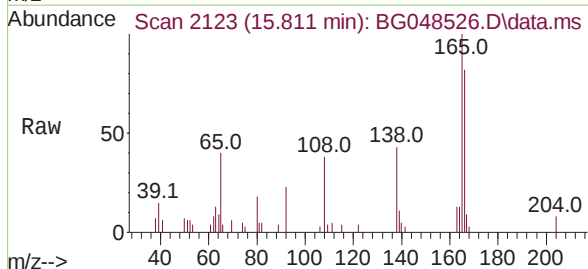


Abundance Scan 2122 (15.809 min): BG048516.D\data.ms (-2162) (-)

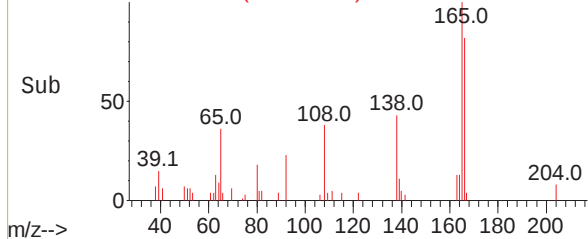


4-Nitroaniline
Concen: 3.99 ng
RT: 15.811 min Scan# 2123
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

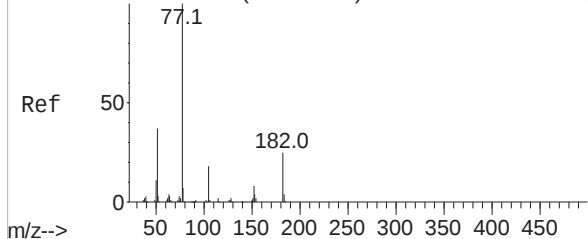
Tgt Ion:	138	Resp:	3009
Ion Ratio	Lower	Upper	
138	100		
92	53.0	32.2	72.2
108	88.3	104.1	144.1#



Abundance Scan 2123 (15.811 min): BG048526.D\data.ms (-2034) (-)



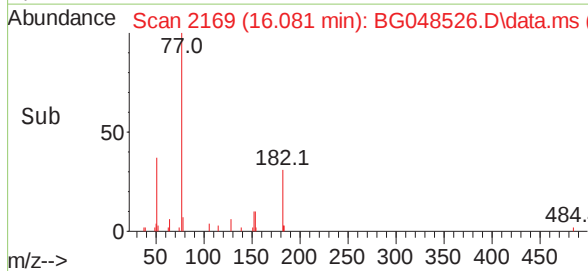
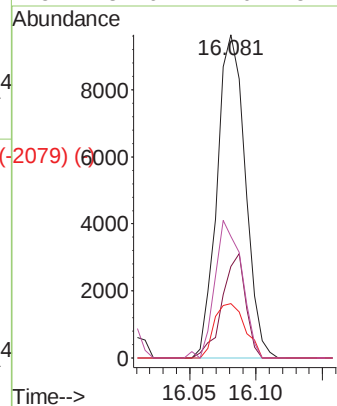
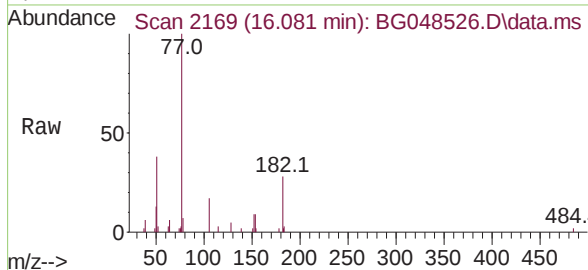
Abundance Scan 2168 (16.079 min): BG048516.D\data.ms (-2168) (-)



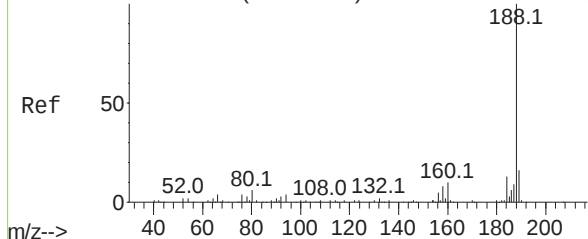
Azobenzene
Concen: 4.38 ng
RT: 16.081 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	77	Resp:	14225
Ion	Ratio	Lower	Upper
77	100		
182	28.4	5.3	45.3
105	16.8	0.0	37.8
51	37.6	17.0	57.0

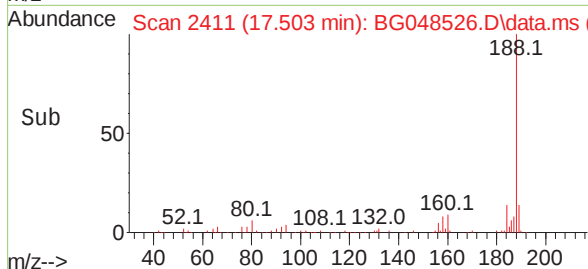
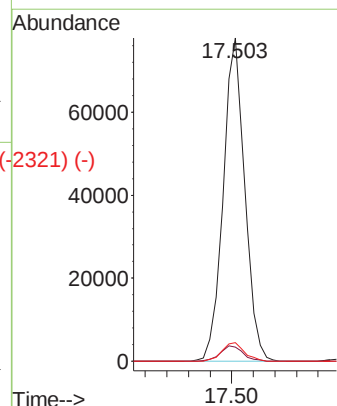
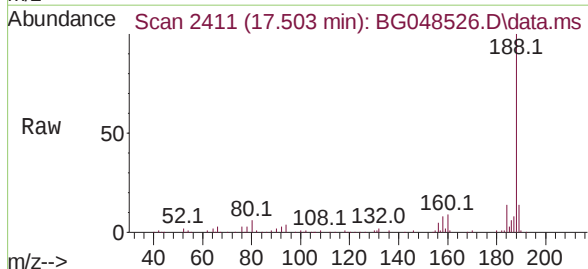


Abundance Scan 2410 (17.501 min): BG048516.D\data.ms (-2410) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	188	Resp:	109130
Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.0	4.6
80	5.6	4.5	6.7



Abundance Scan 2132 (15.868 min): BG048516.D\data.ms (-2132) (-)

4,6-Dinitro-2-methylphenol
Concen: 3.36 ng
RT: 15.858 min Scan# 2131
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Ref 50 198.0

51.0 77.1 121.1 168.0

m/z-->

Tgt Ion:198 Resp: 2200
Ion Ratio Lower Upper
198 100
51 25.0 26.5 66.5#
105 27.7 16.0 56.0

Abundance Scan 2131 (15.858 min): BG048526.D\data.ms

Raw 50 198.0

52.9 77.1 105.2 168.0

m/z-->

Abundance

1500 15.858

1000

500

0

Time--> 15.80 15.85 15.90

Abundance Scan 2131 (15.858 min): BG048526.D\data.ms (-2043) (-)

Sub 50 198.0

52.9 77.1 105.2 168.0

m/z-->

Abundance Scan 2155 (16.003 min): BG048516.D\data.ms (-2155) (-)

n-Nitrosodiphenylamine
Concen: 3.98 ng
RT: 15.999 min Scan# 2155
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Ref 50 169.1

51.1 77.1 115.1 141.0 200.4

m/z-->

Tgt Ion:169 Resp: 12363
Ion Ratio Lower Upper
169 100
168 75.7 52.7 79.1
167 32.3 27.8 41.8

Abundance Scan 2155 (15.999 min): BG048526.D\data.ms

Raw 50 169.1

51.2 77.0 115.1 141.0

m/z-->

Abundance

8000 15.999

6000

4000

2000

0

Time--> 15.95 16.00 16.05

Abundance Scan 2155 (15.999 min): BG048526.D\data.ms (-2066) (-)

Sub 50 169.1

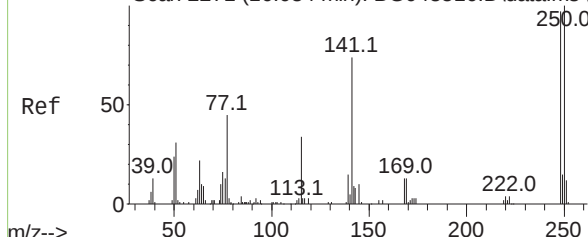
51.2 77.0 115.1 141.0

m/z-->

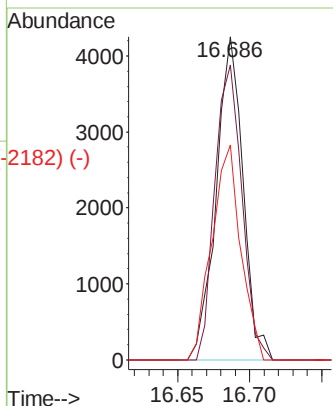
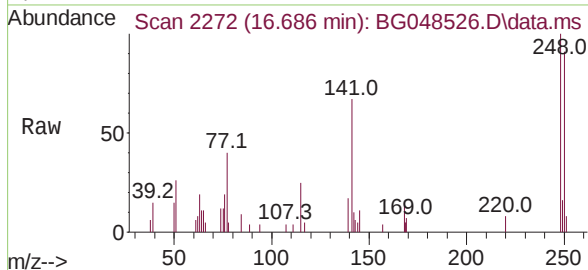
Abundance Scan 2271 (16.684 min): BG048516.D\data.ms (-265) (-)

4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 16.686 min Scan# 2272
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

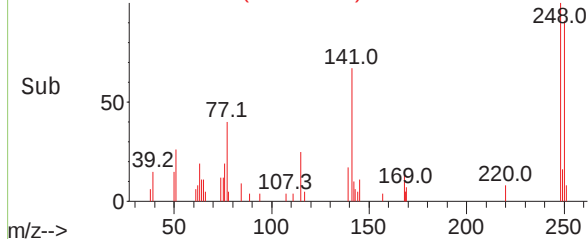
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:	248	Resp:	5495
Ion Ratio	Lower	Upper	
248	100		
250	91.3	82.6	124.0
141	66.5	61.0	91.6



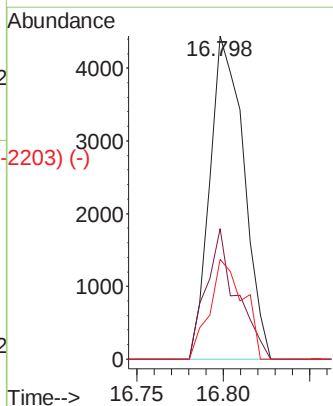
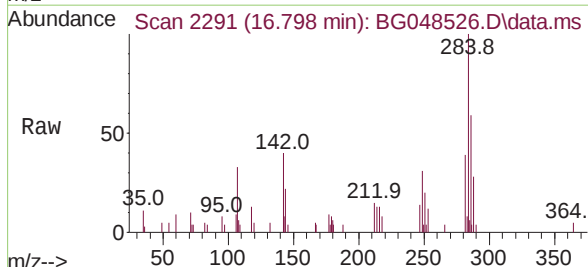
Abundance Scan 2272 (16.686 min): BG048526.D\data.ms (-2182) (-)



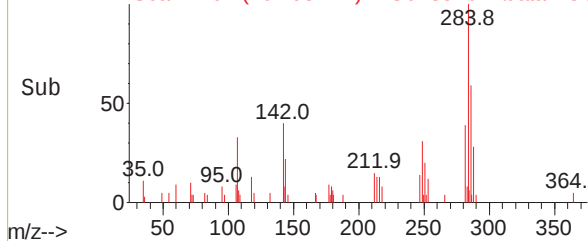
Abundance Scan 2291 (16.802 min): BG048516.D\data.ms (-264) (-)

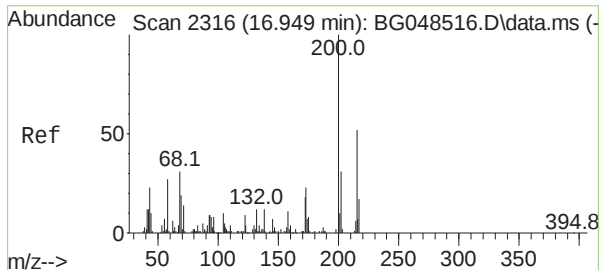
Hexachlorobenzene
Concen: 4.81 ng
RT: 16.798 min Scan# 2291
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	284	Resp:	6081
Ion Ratio	Lower	Upper	
284	100		
142	40.4	29.1	43.7
249	31.0	27.7	41.5



Abundance Scan 2291 (16.798 min): BG048526.D\data.ms (-2203) (-)

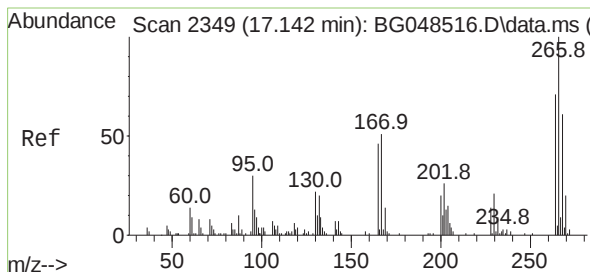
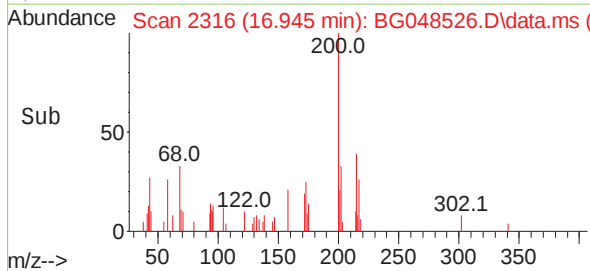
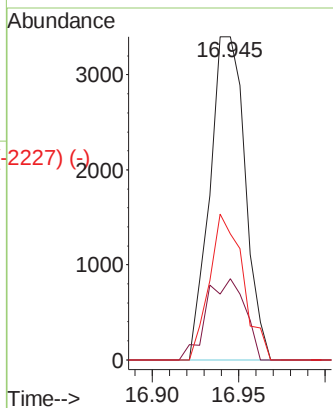
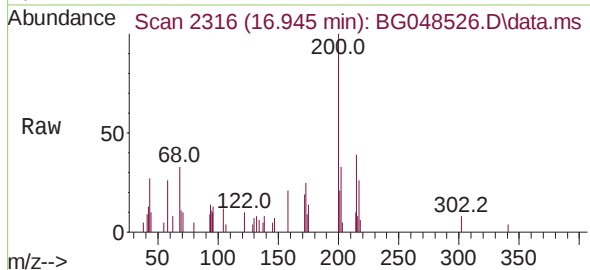




Atrazine
Concen: 3.83 ng
RT: 16.945 min Scan# 2316
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

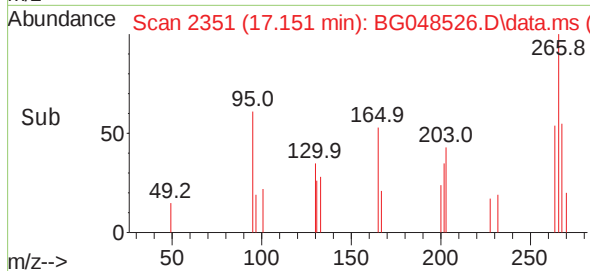
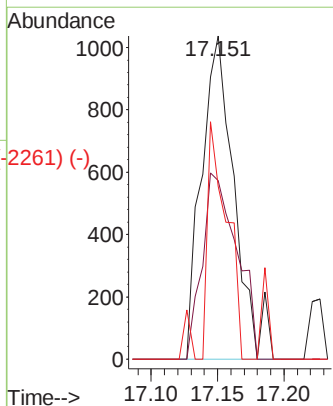
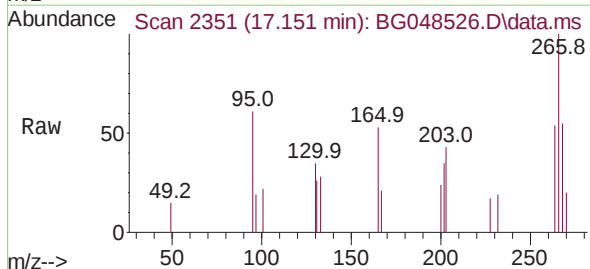
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

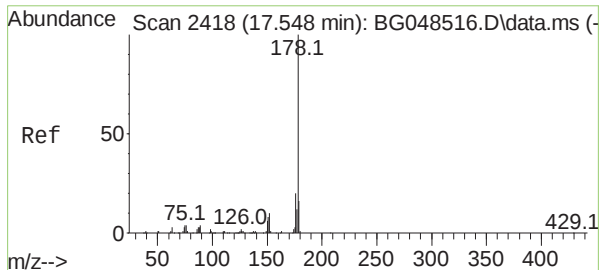
Tgt Ion:	200	Resp:	4847
Ion Ratio	Lower	Upper	
200	100		
173	25.1	2.8	42.8
215	39.1	31.7	71.7



Pentachlorophenol
Concen: 2.27 ng
RT: 17.151 min Scan# 2351
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	266	Resp:	1782
Ion Ratio	Lower	Upper	
266	100		
268	55.2	48.6	73.0
264	53.5	56.4	84.6#

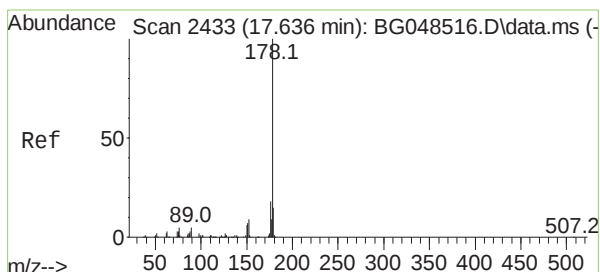
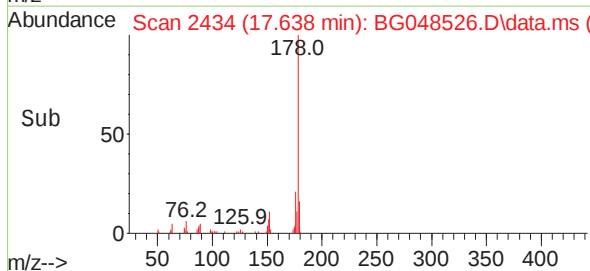
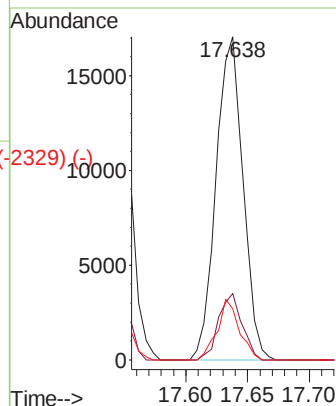
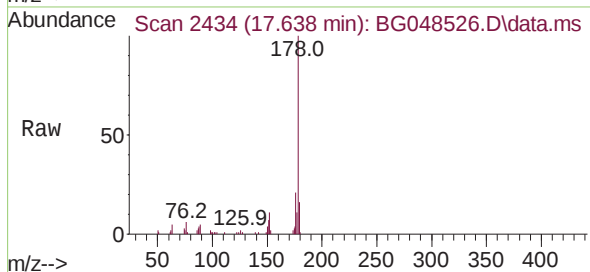




Phenanthrene
Concen: 4.59 ng
RT: 17.638 min Scan# 2434
Delta R.T. 0.087 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

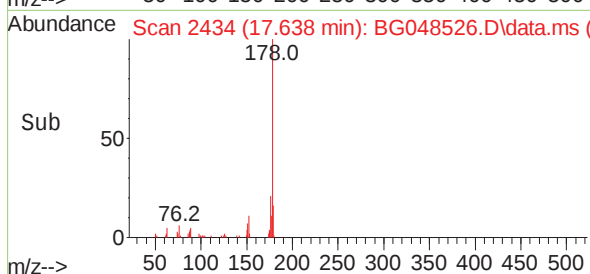
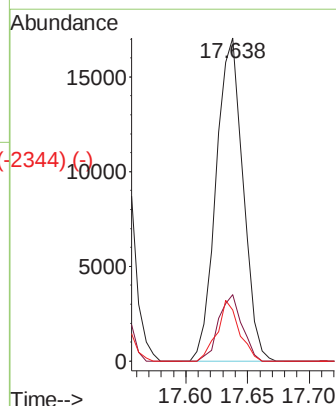
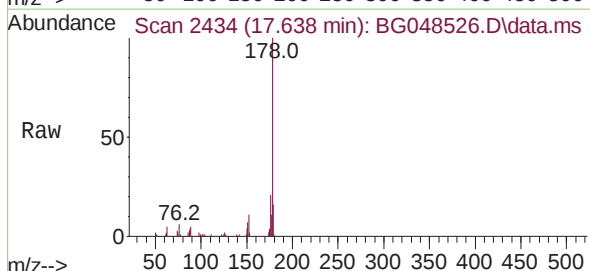
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	178	Resp:	26018
Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.6	23.4
179	15.7	12.9	19.3

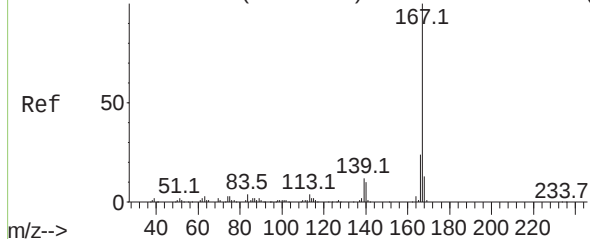


Anthracene
Concen: 4.61 ng
RT: 17.638 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	178	Resp:	26018
Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.1	21.1
179	15.7	11.9	17.9



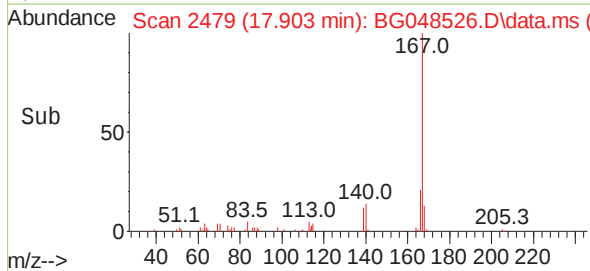
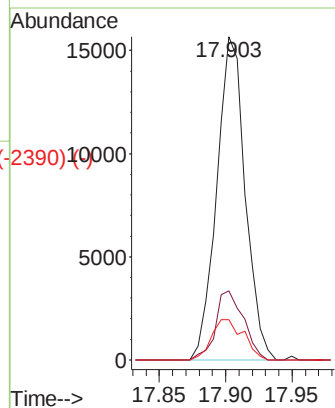
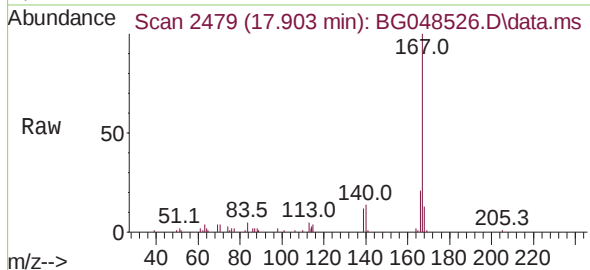
Abundance Scan 2479 (17.906 min): BG048516.D\data.ms (-2479) (-)



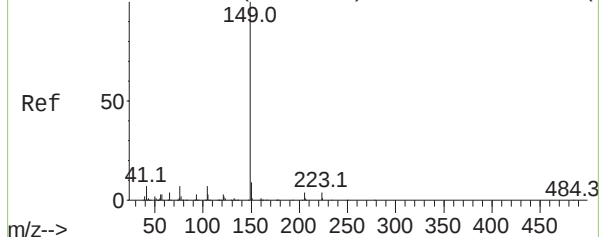
Carbazole
Concen: 4.34 ng
RT: 17.903 min Scan# 2479
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	167	Resp:	23248
Ion	Ratio	Lower	Upper
167	100		
166	21.4	19.0	28.6
139	12.4	10.0	15.0

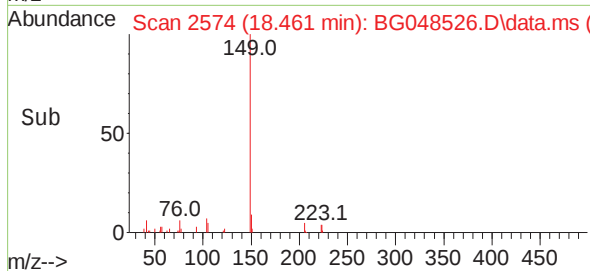
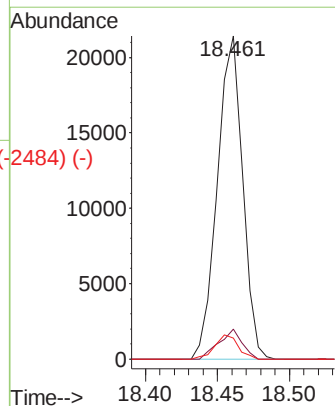
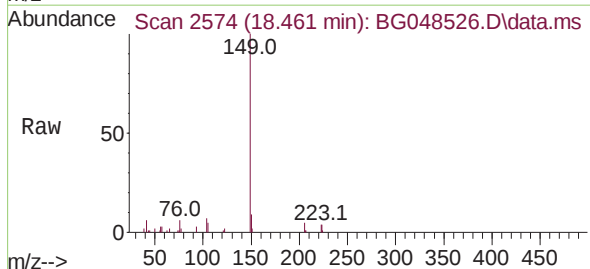


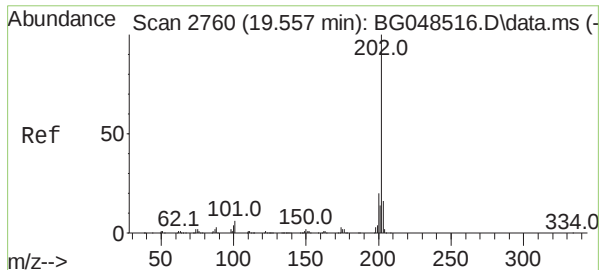
Abundance Scan 2573 (18.459 min): BG048516.D\data.ms (-2573) (-)



Di-n-butylphthalate
Concen: 4.36 ng
RT: 18.461 min Scan# 2574
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	149	Resp:	26075
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.4
104	6.6	5.9	8.9

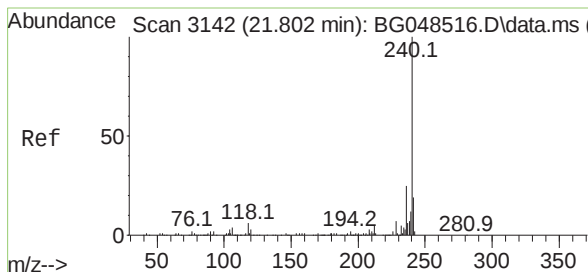
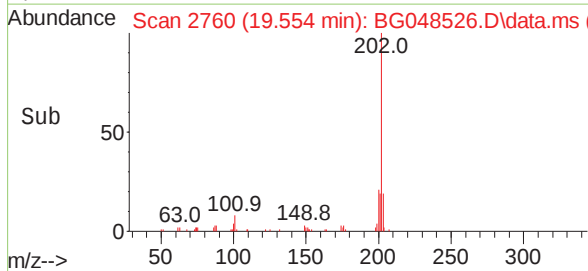
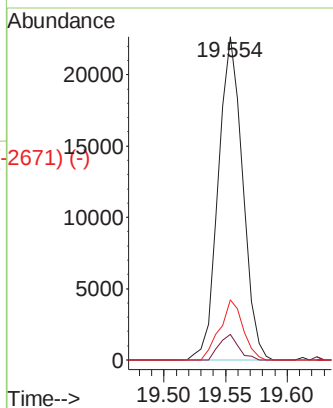
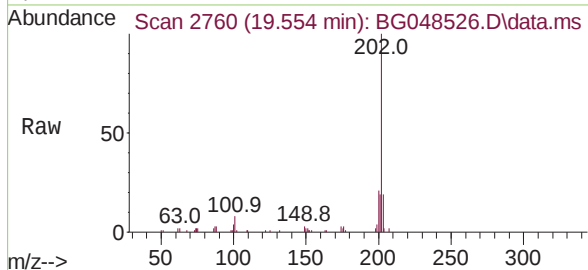




Fluoranthene
Concen: 4.45 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

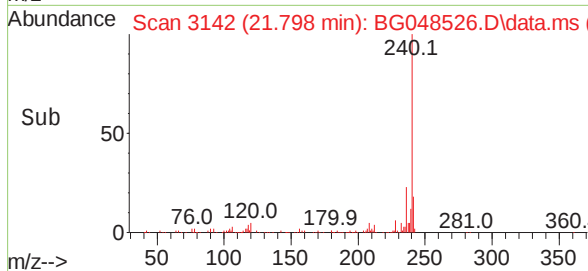
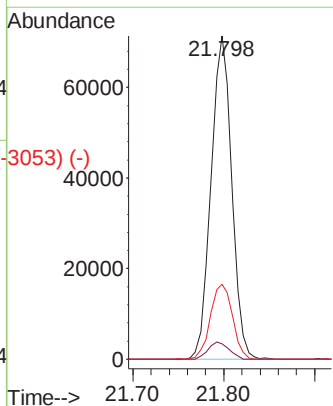
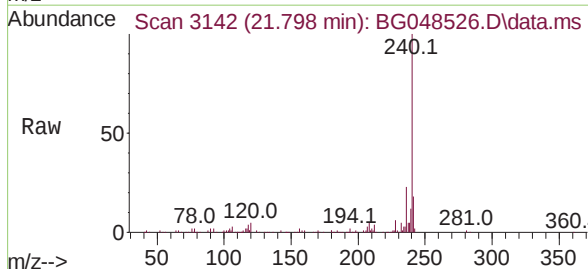
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	202	Resp:	31276
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	25.8
203	18.6	0.0	36.4

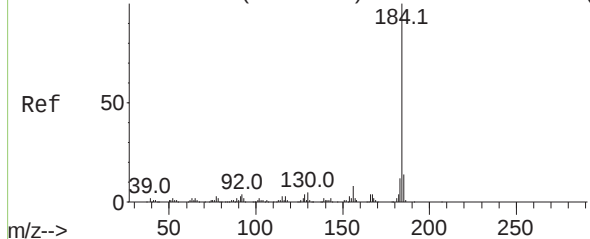


Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	240	Resp:	112872
Ion	Ratio	Lower	Upper
240	100		
120	4.8	2.6	3.8#
236	23.1	19.8	29.6



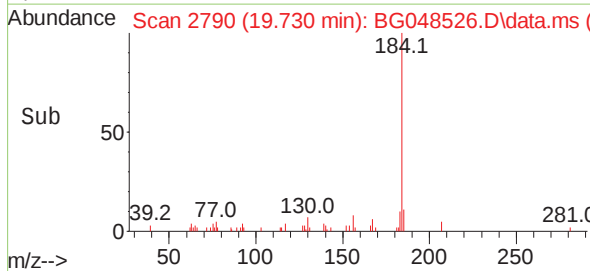
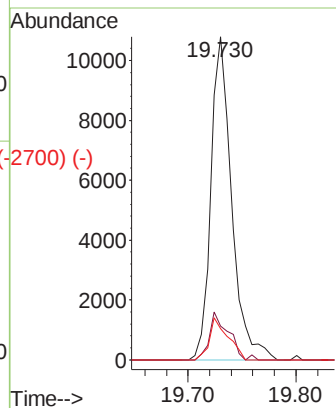
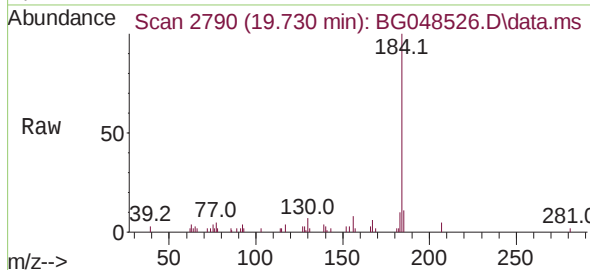
Abundance Scan 2790 (19.734 min): BG048516.D\data.ms (-277) (-)



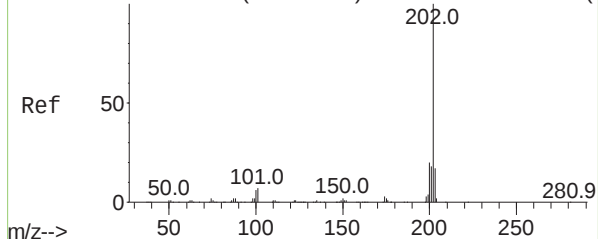
Benzidine
Concen: 3.76 ng
RT: 19.730 min Scan# 2790
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	184	Resp:	14387
Ion	Ratio	Lower	Upper
184	100		
185	10.6	11.0	16.4#
183	9.7	9.2	13.8

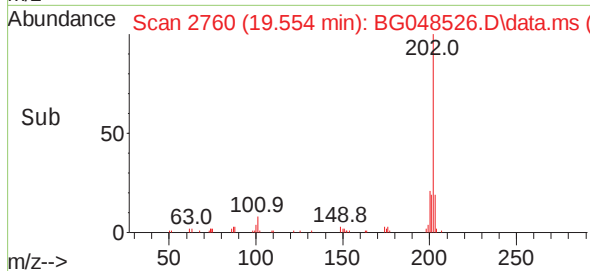
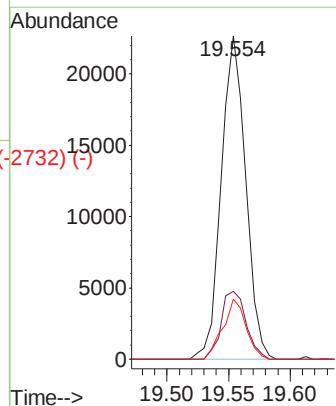
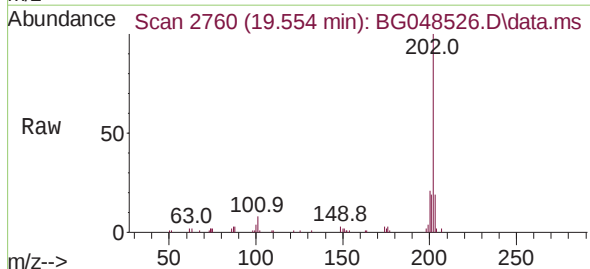


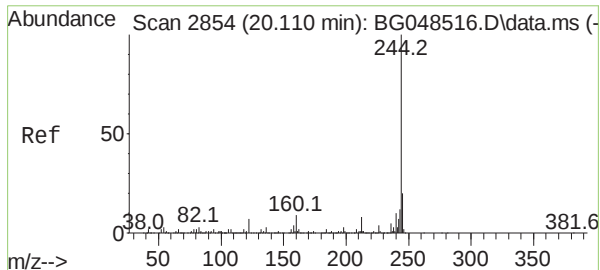
Abundance Scan 2821 (19.916 min): BG048516.D\data.ms (-277) (-)



Pyrene
Concen: 4.03 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.366 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

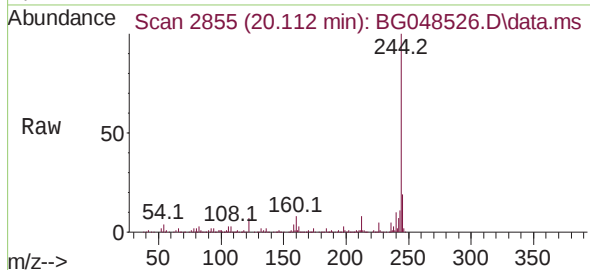
Tgt Ion:	202	Resp:	31276
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.1	24.1
203	18.6	13.6	20.4



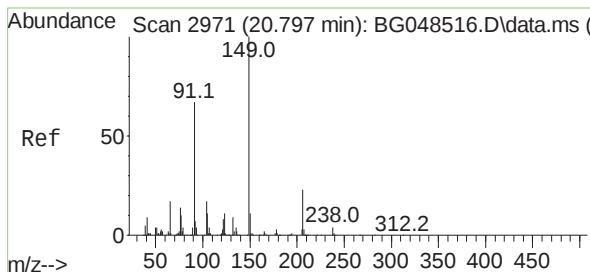
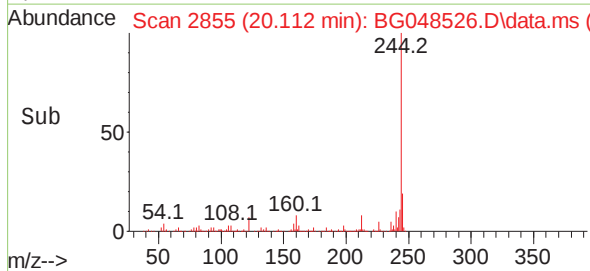
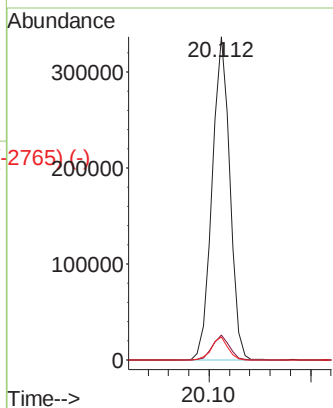


Scan 2854 (20.110 min): BG048516.D\data.ms (-2679) (-)
 Terphenyl-d14
 Concen: 66.36 ng
 RT: 20.112 min Scan# 2855
 Delta R.T. -0.001 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Instrument :
 BNA_G
ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

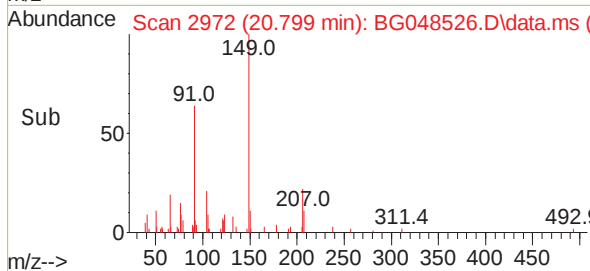
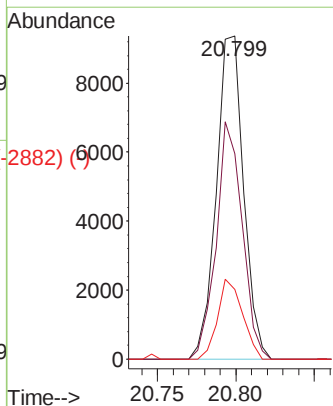
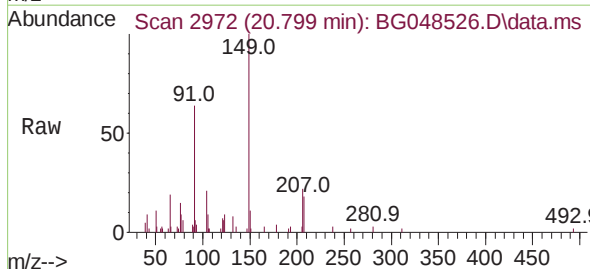


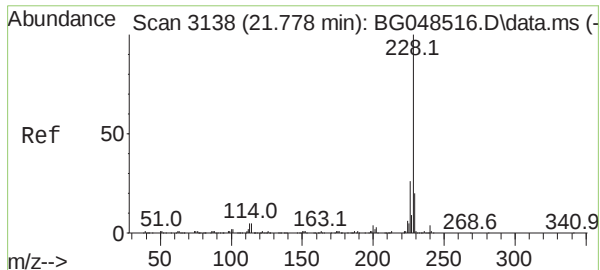
Tgt Ion:	244	Resp:	409565
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	7.0	5.8	8.6



Scan 2971 (20.797 min): BG048516.D\data.ms (-2686) (-)
 Butylbenzylphthalate
 Concen: 3.92 ng
 RT: 20.799 min Scan# 2972
 Delta R.T. -0.001 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Tgt Ion:	149	Resp:	11309
Ion Ratio	Lower	Upper	
149	100		
91	63.5	53.6	80.4
206	21.6	18.3	27.5

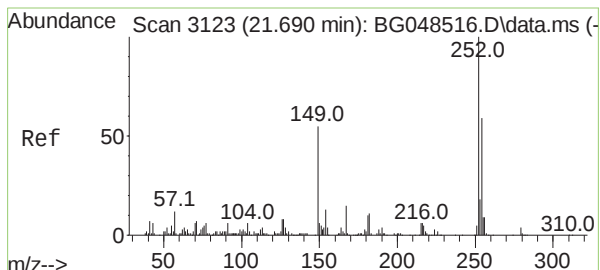
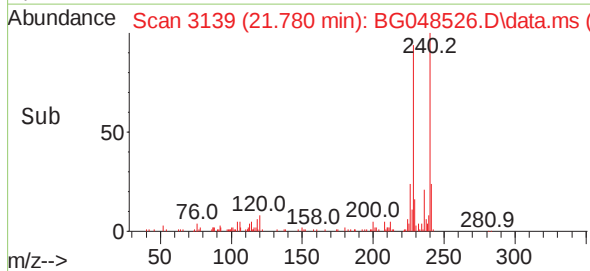
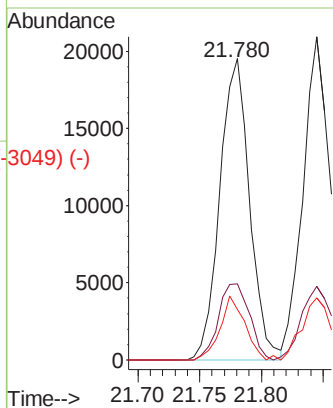
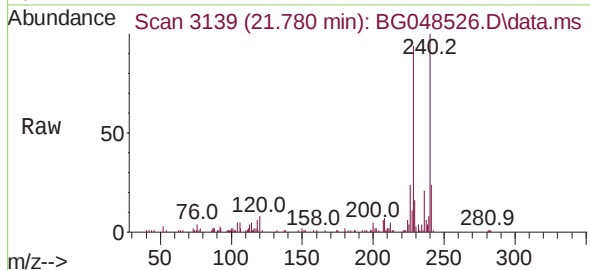




Benzo(a)anthracene
 Concen: 4.35 ng
 RT: 21.780 min Scan# 3139
 Delta R.T. -0.001 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

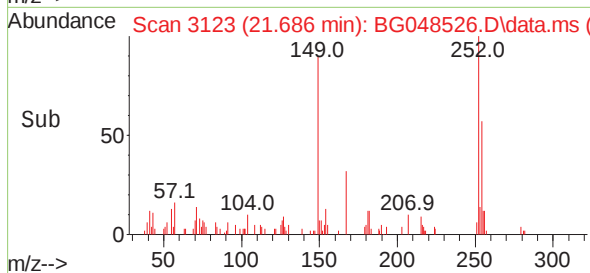
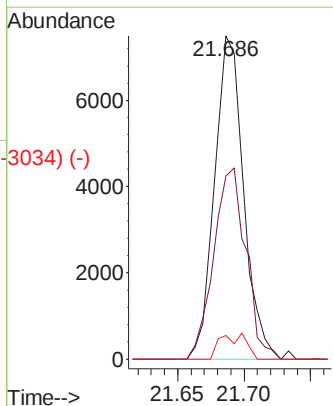
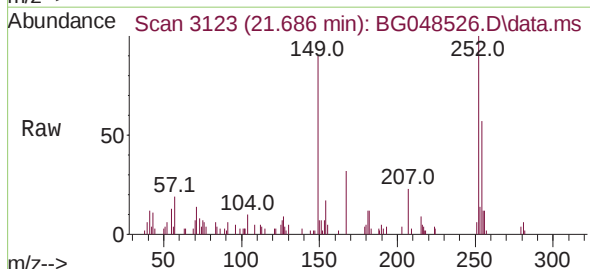
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	228	Resp:	32833
Ion	Ratio	Lower	Upper
228	100		
226	25.3	20.6	30.8
229	16.8	15.8	23.8

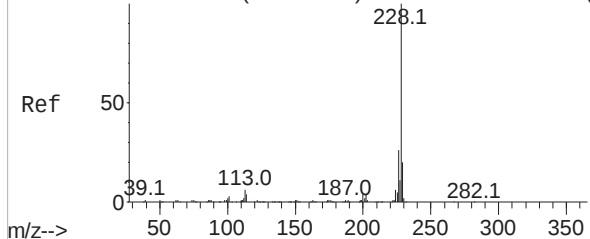


3,3'-Dichlorobenzidine
 Concen: 4.37 ng
 RT: 21.686 min Scan# 3123
 Delta R.T. -0.007 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Tgt Ion:	252	Resp:	11330
Ion	Ratio	Lower	Upper
252	100		
254	56.5	47.4	71.2
126	7.3	6.1	9.1



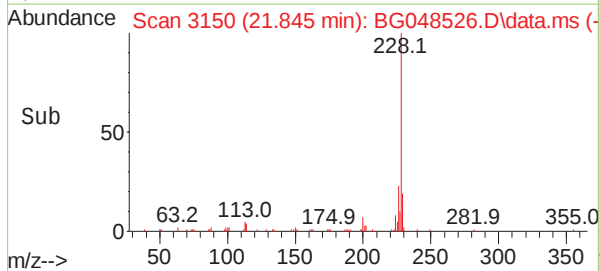
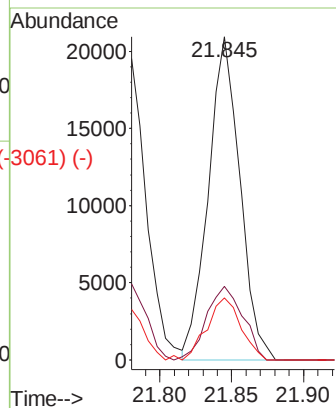
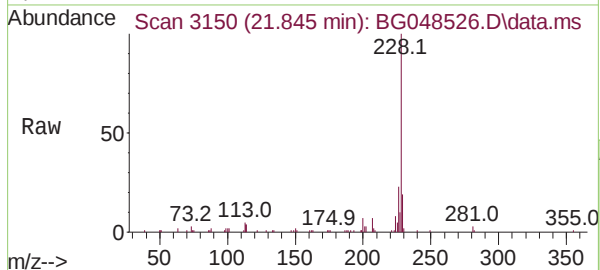
Abundance Scan 3150 (21.849 min): BG048516.D\data.ms (-3184) (-)



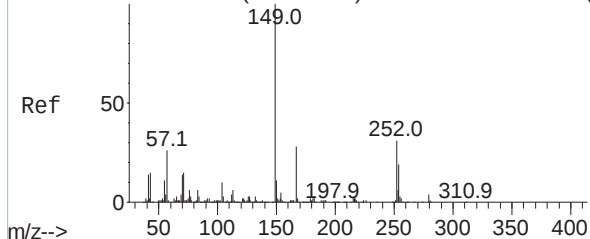
Chrysene
Concen: 4.43 ng
RT: 21.845 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	228	Resp:	31893
Ion	Ratio	Lower	Upper
228	100		
226	22.8	20.6	31.0
229	19.2	16.3	24.5

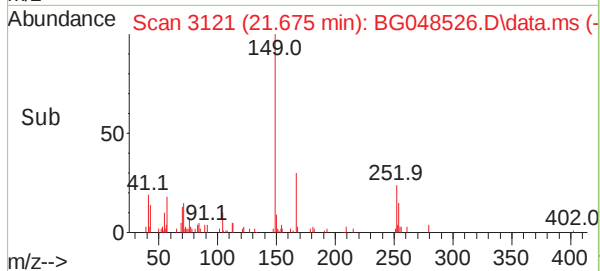
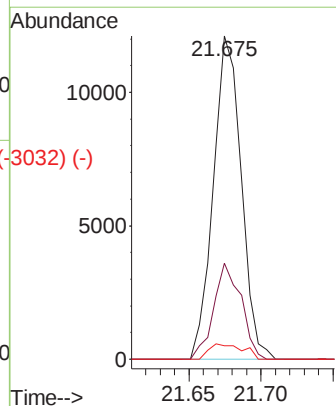
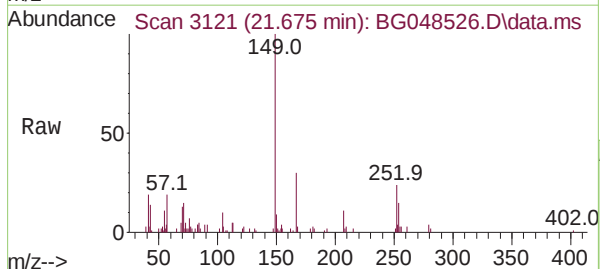


Abundance Scan 3121 (21.678 min): BG048516.D\data.ms (-3184) (-)

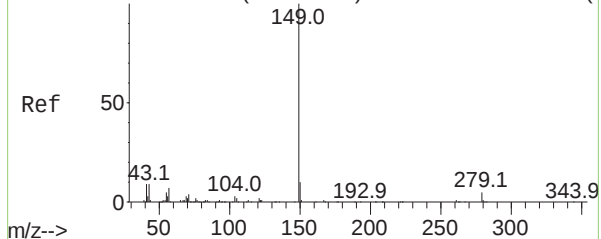


Bis(2-ethylhexyl)phthalate
Concen: 4.04 ng
RT: 21.675 min Scan# 3121
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	149	Resp:	16223
Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.4	33.6
279	4.1	3.4	5.2



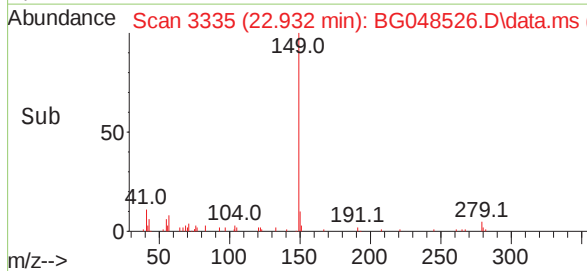
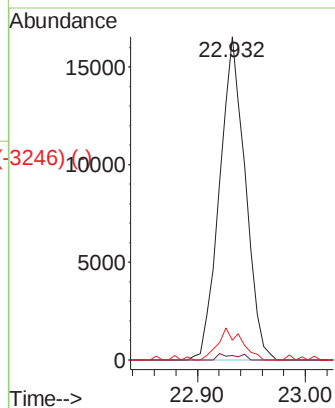
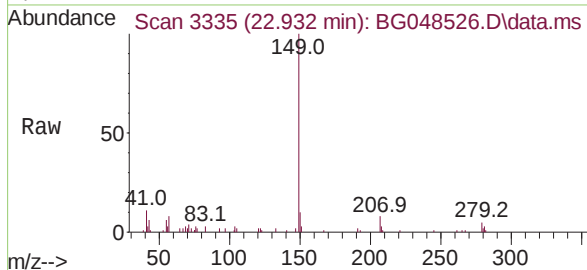
Abundance Scan 3335 (22.936 min): BG048516.D\data.ms (-3325) (-)



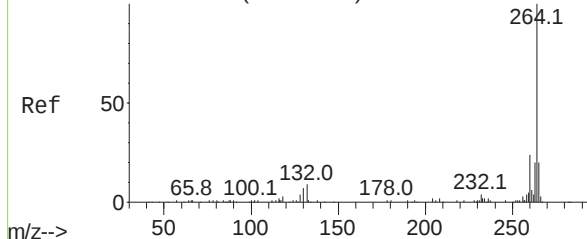
Di-n-octyl phthalate
Concen: 3.95 ng
RT: 22.932 min Scan# 3335
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	149	Resp:	27632
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	7.4	11.0

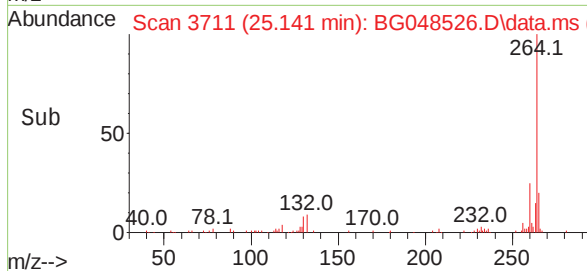
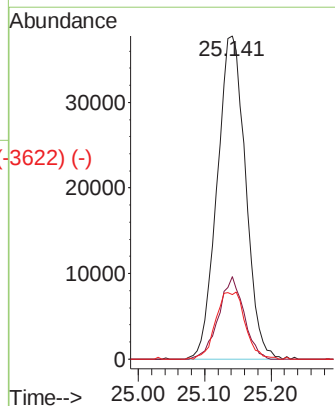
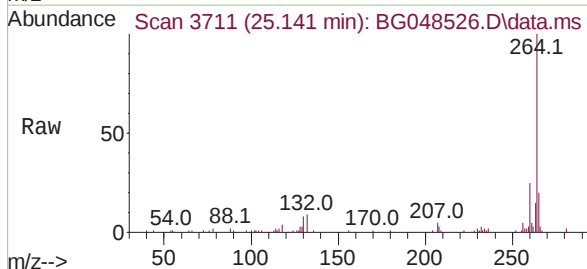


Abundance Scan 3711 (25.145 min): BG048516.D\data.ms (-3696) (-)

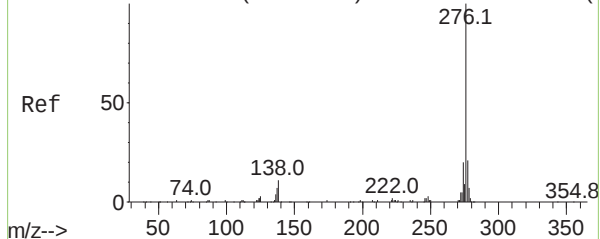


Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	264	Resp:	111511
Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.1	28.7
265	20.1	16.1	24.1



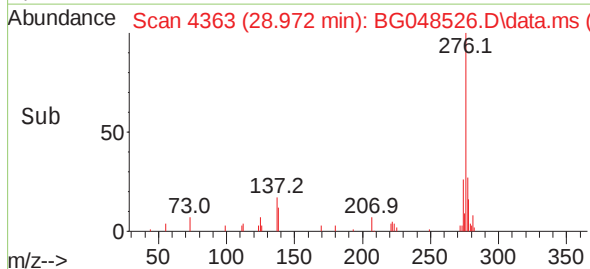
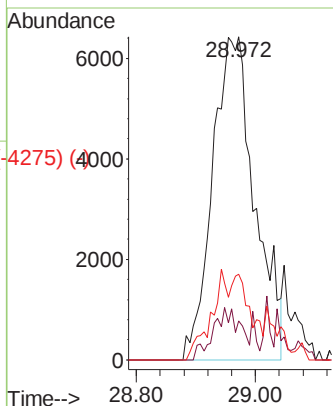
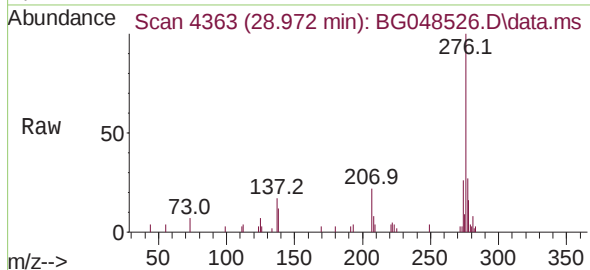
Abundance Scan 4363 (28.972 min): BG048516.D\data.ms (-4363) (-)



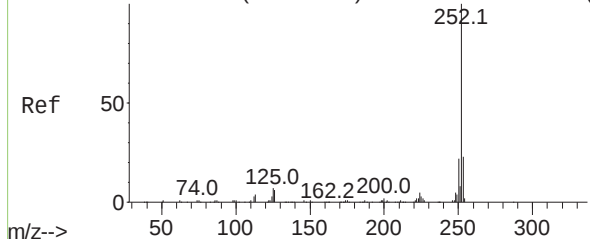
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng
RT: 28.972 min Scan# 4363
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.8	11.8#
277	0.0	0.0	0.0

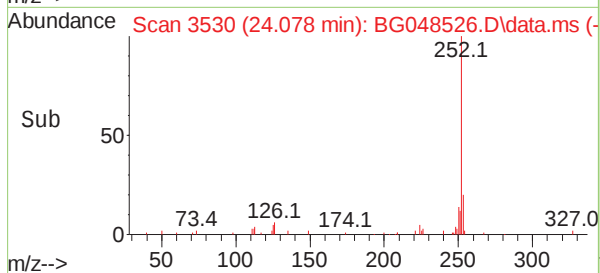
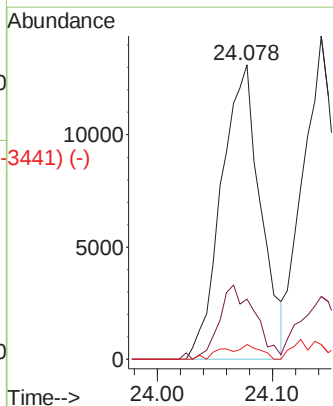
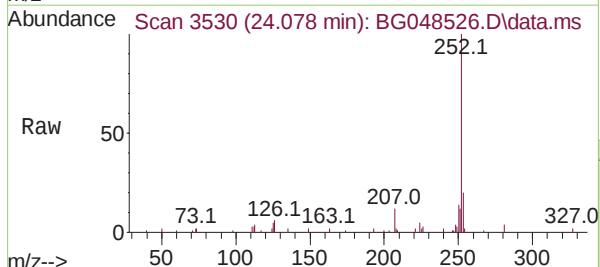


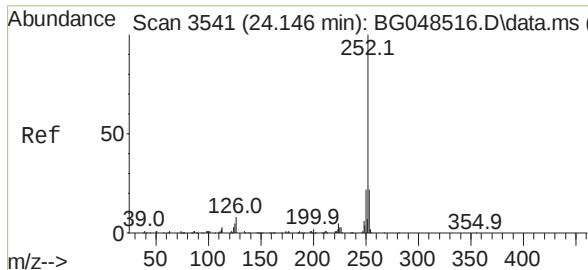
Abundance Scan 3529 (24.076 min): BG048516.D\data.ms (-3529) (-)



Benzo(b)fluoranthene
Concen: 4.27 ng
RT: 24.078 min Scan# 3530
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.4
125	5.0	5.3	7.9#

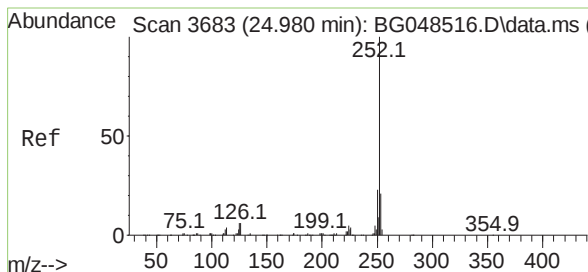
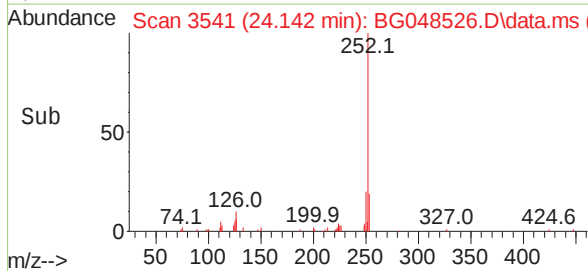
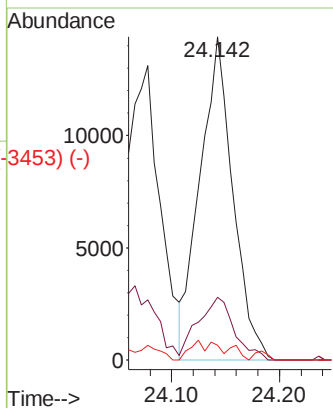
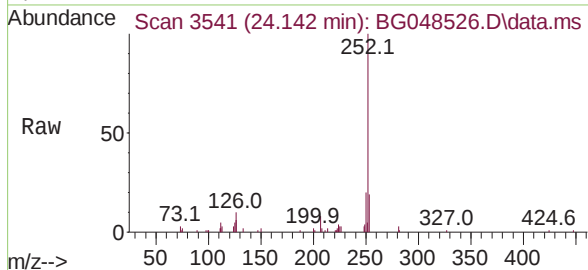




Scan 3541 (24.146 min): BG048516.D\data.ms (-3539) (-)
 Benzo(k)fluoranthene
 Concen: 4.38 ng
 RT: 24.142 min Scan# 3541
 Delta R.T. -0.013 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

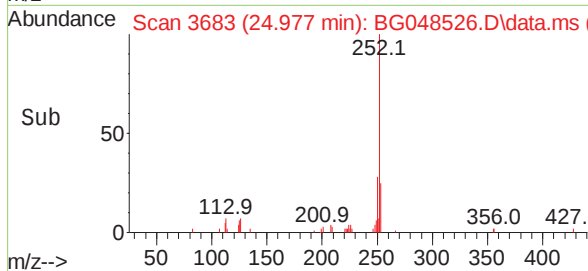
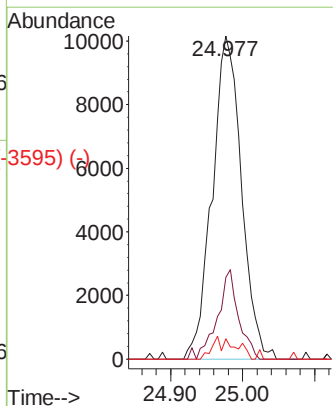
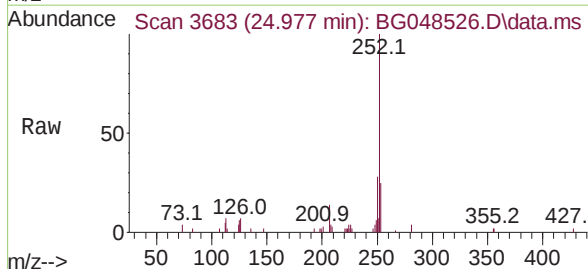
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:	252	Resp:	30501
Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.9	26.9
125	4.6	3.9	5.9



Scan 3683 (24.980 min): BG048516.D\data.ms (-3699) (-)
 Benzo(a)pyrene
 Concen: 4.29 ng
 RT: 24.977 min Scan# 3683
 Delta R.T. -0.013 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

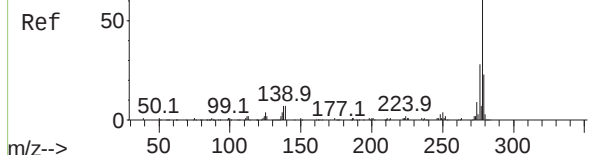
Tgt Ion:	252	Resp:	28636
Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	6.3	4.4	6.6



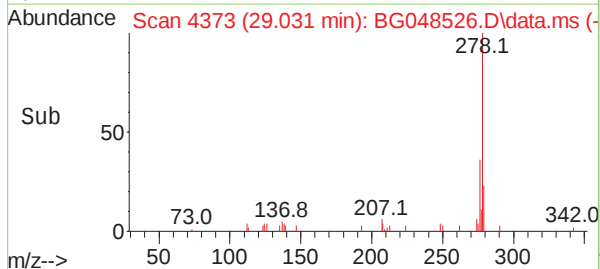
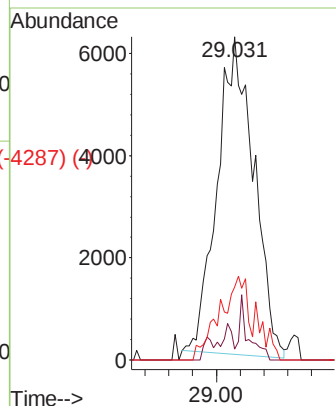
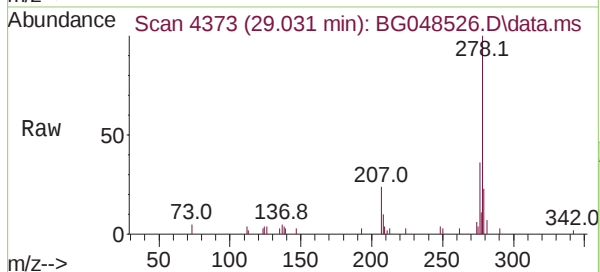
Abundance Scan 4374 (29.040 min): BG048516.D\data.ms (-4374) (-)

Dibenzo(a,h)anthracene
Concen: 3.97 ng
RT: 29.031 min Scan# 4373
Delta R.T. -0.025 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

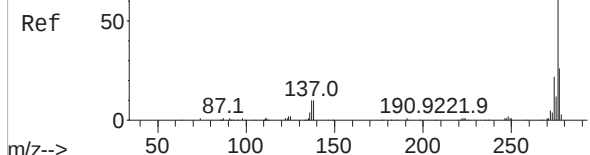


Tgt Ion:	278	Resp:	26494
Ion Ratio	Lower	Upper	
278	100		
139	3.3	5.8	8.6#
279	22.6	18.6	28.0



Abundance Scan 4567 (30.174 min): BG048516.D\data.ms (-4567) (-)

Benzo(g,h,i)perylene
Concen: 4.22 ng
RT: 30.159 min Scan# 4565
Delta R.T. -0.031 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03



Tgt Ion:	276	Resp:	27589
Ion Ratio	Lower	Upper	
276	100		
277	22.7	20.4	30.6
138	16.7	8.1	12.1#

